





# Metropolitan Housing Characteristics

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**COLUMBIA, MO.**

STANDARD METROPOLITAN STATISTICAL AREA

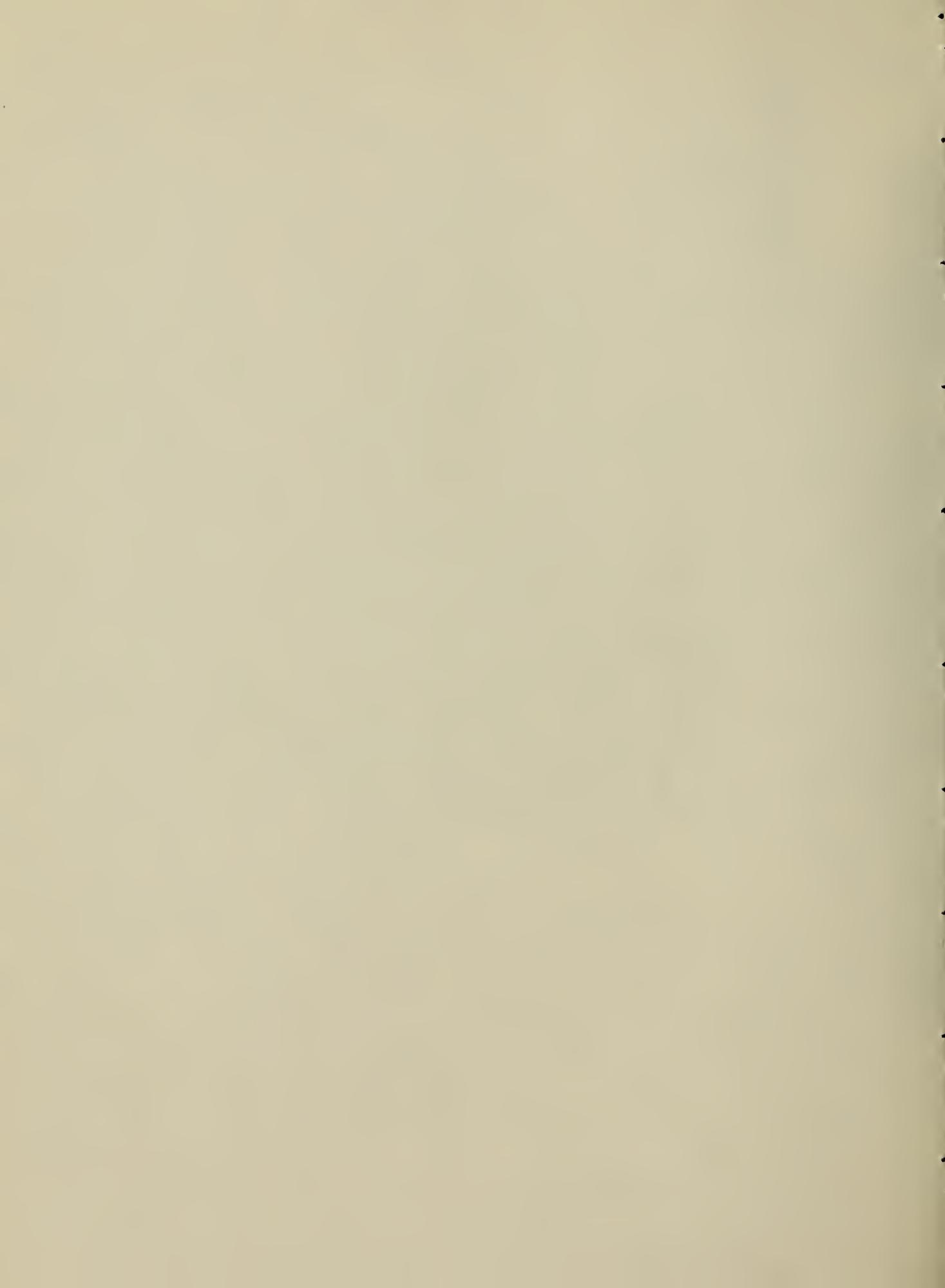
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# 1980 Census of Housing

VOLUME 2

## Metropolitan Housing Characteristics

**COLUMBIA, MO.**

HC80-2-125

Issued October 1983



**U.S. Department of Commerce**  
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Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS  
C. L. Kincannon, Acting Director

HOUSING DIVISION  
Arthur F. Young, Chief

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3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.	115	Charleston, W. Va.
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5	Arkansas	45	Texas	81	Bakersfield, Calif.	116	Charlotte-Gastonia, N.C.
6	California	46	Utah	82	Baltimore, Md.	117	Charlottesville, Va.
7	Colorado	47	Vermont	83	Bangor, Maine	118	Chattanooga, Tenn.-Ga.
8	Connecticut	48	Virginia	84	Baton Rouge, La.	119	Chicago, Ill.
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.		
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	131	Dallas-Fort Worth, Tex.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	132	Danbury, Conn.
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	133	Danville, Va.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	134	Davenport-Rock Island-Moline, Iowa-Ill.
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.	135	Dayton, Ohio
26	Mississippi	66	Amarillo, Tex.	102	Bristol, Conn.		
27	Missouri	67	Anaheim-Santa Ana-Garden Grove, Calif.	103	Brockton, Mass.	136	Daytona Beach, Fla.
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29	Nebraska	69	Anderson, Ind.	105	Bryan-College Station, Tex.	138	Denver-Boulder, Colo.
30	Nevada	70	Anderson, S.C.	106	Buffalo, N.Y.	139	Des Moines, Iowa
31	New Hampshire	71	Ann Arbor, Mich.	107	Burlington, N.C.	140	Detroit, Mich.
32	New Jersey	72	Anniston, Ala.	108	Burlington, Vt.		
33	New Mexico	73	Appleton-Oshkosh, Wis.	109	Caguas, P.R.	141	Dubuque, Iowa
34	New York	74	Arecibo, P.R.	110	Canion, Ohio	142	Duluth-Superior, Minn.-Wis.
35	North Carolina	75	Asheville, N.C.	111	Casper, Wyo.	143	Eau Claire, Wis.
36	North Dakota	76	Athens, Ga.	112	Cedar Rapids, Iowa	144	El Paso, Tex.
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40	Pennsylvania						

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.	266	Northeast Pennsylvania
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.	267	Norwalk, Conn.
		190	Jackson, Miss.	230	Lynchburg, Va.	268	Ocala, Fla.
151	Fall River, Mass.-R.I.			231	Macon, Ga.	269	Odessa, Tex.
152	Fargo-Moorhead, N. Dak.-Minn.	191	Jacksonville, Fla.	232	Madison, Wis.	270	Oklahoma City, Okla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	233	Manchester, N.H.	271	Olympia, Wash.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	234	Mansfield, Ohio	272	Omaha, Nebr.-Iowa
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	235	Mayagüez, P.R.	273	Orlando, Fla.
		195	Johnson City-Kingsport-Bristol, Tenn.-Va.	236	McAllen-Pharr-Edinburg, Tex.	274	Owensboro, Ky.
156	Flint, Mich.	196	Johnstown, Pa.	237	Medford, Oreg.	275	Oxnard-Simi Valley-Ventura, Calif.
157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville-Cocoa, Fla.		
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.			276	Panama City, Fla.
159	Fort Collins, Colo.	199	Kankakee, Ill.			277	Parkersburg-Marietta, W. Va.-Ohio
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	278	Pascagoula-Moss Point, Miss.
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	279	Paterson-Clifton-Passaic, N.J.
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			280	Pensacola, Fla.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	241	Miami, Fla.	281	Peoria, Ill.
164	Fort Wayne, Ind.	204	Kokomo, Ind.	242	Midland, Tex.	282	Petersburg-Colonial Heights-Hopewell, Va.
165	Fresno, Calif.	205	La Crosse, Wis.	243	Milwaukee, Wis.	283	Philadelphia, Pa.-N.J.
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167	Gainesville, Fla.	208	Lake Charles, La.			286	Pittsburgh, Pa.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	246	Modesto, Calif.	287	Pittsfield, Mass.
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170	Glens Falls, N.Y.	211	Lansing-East Lansing, Mich.	248	Montgomery, Ala.	289	Portland, Maine
		212	Laredo, Tex.	249	Muncie, Ind.	290	Portland, Oreg.-Wash.
171	Grand Forks, N.Dak.-Minn.	213	Las Cruces, N. Mex.	250	Muskegon-Norton Shores-Muskegon Heights, Mich.	291	Portsmouth-Dover-Rochester, N.H.-Maine
172	Grand Rapids, Mich.	214	Las Vegas, Nev.	251	Nashua, N.H.	292	Poughkeepsie, N.Y.
173	Great Falls, Mont.	215	Lawrence, Kans.	252	Nashville-Davidson, Tenn.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
174	Greeley, Colo.	216	Lawrence-Haverhill, Mass.-N.H.	253	Nassau-Suffolk, N.Y.	294	Provo-Orem, Utah
175	Green Bay, Wis.	217	Lawton, Okla.	254	New Bedford, Mass.	295	Pueblo, Colo.
		218	Lewiston-Auburn, Maine	255	New Britain, Conn.	296	Racine, Wis.
176	Greensboro-Winston-Salem-High Point, N.C.	219	Lexington-Fayette, Ky.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	297	Raleigh-Durham, N.C.
177	Greenville-Spartanburg, S.C.	220	Lima, Ohio	257	New Haven-West Haven, Conn.	298	Reading, Pa.
178	Hagerstown, Md.	221	Lincoln, Nebr.	258	New London-Norwich, Conn.-R.I.	299	Redding, Calif.
179	Hamilton-Middletown, Ohio	222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	300	Reno, Nev.
180	Harrisburg, Pa.	223	Long Branch-Asbury Park, N.J.	260	New York, N.Y.-N.J.		
181	Hartford, Conn.	224	Longview-Marshall, Tex.	261	Newark, N.J.	301	Richland-Kennewick-Pasco, Wash.
182	Hickory, N.C.	225	Lorain-Elyria, Ohio	262	Newark, Ohio	302	Richmond, Va.
183	Honolulu, Hawaii	226	Los Angeles-Long Beach, Calif.	263	Newburgh-Middletown, N.Y.	303	Riverside-San Bernardino-Ontario, Calif.
184	Houston, Tex.			264	Newport News-Hampton, Va.		
185	Huntington-Ashland, W. Va.-Ky.-Ohio						
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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
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310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
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## Introduction

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### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., "—").

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$10,000," it is shown as "\$10,000—." When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category "\$150,000 or more," it is shown as "\$150,000+."

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "—" represents zero or a percent which rounds to less than 0.1.
- Three dots "... mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

# 1980

## Census of Housing

# Metropolitan Housing Characteristics

## COLUMBIA, MO.

STANDARD METROPOLITAN STATISTICAL AREA  
HC80-2-125

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#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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List of Tables—shows the table numbers and titles for each of the 68 tables . . . . .	X
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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities . . . . .	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

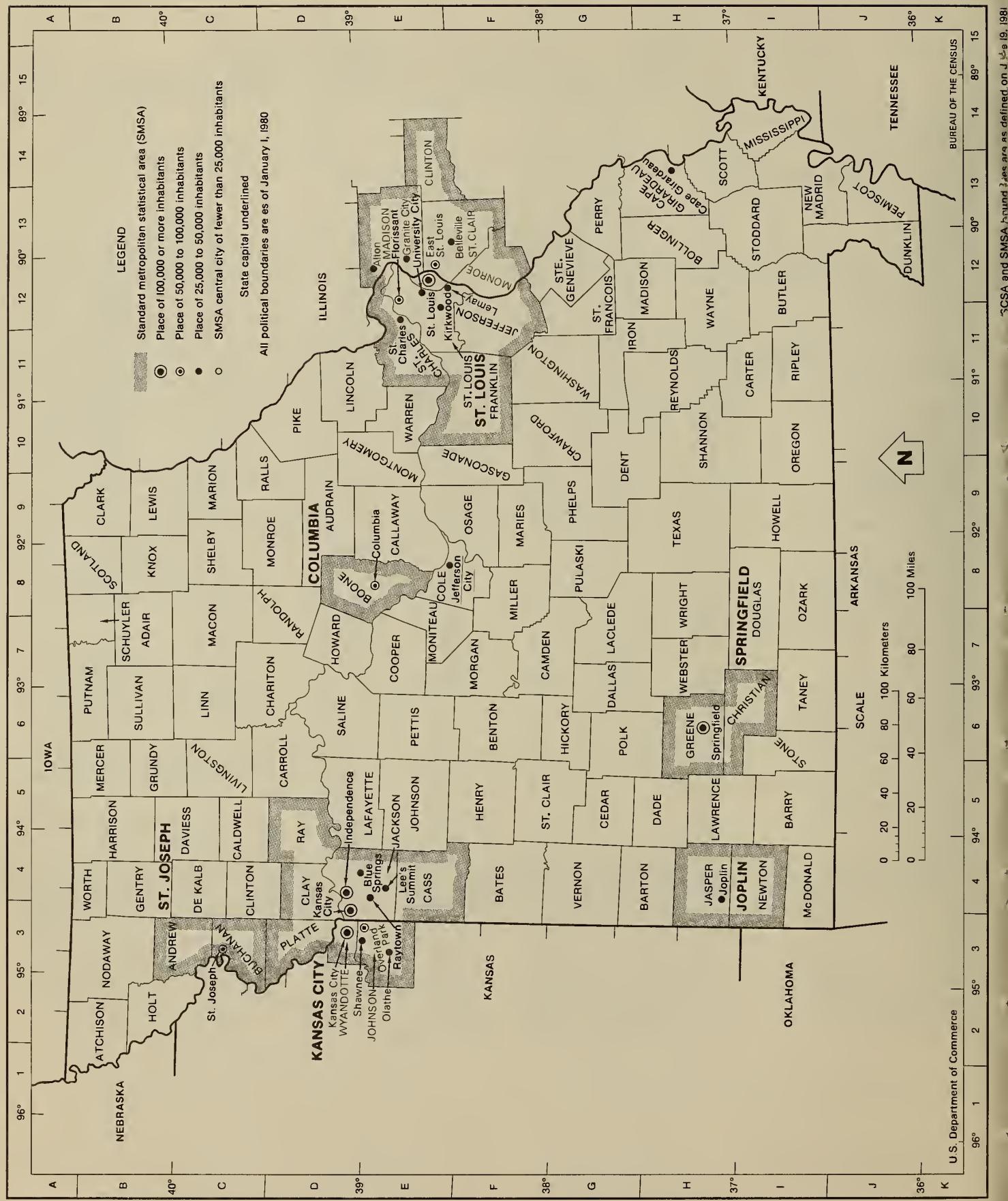
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit. . . . .	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit. . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built. . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning. . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel. . . . .	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value . . . . .	—	—	9	—	—	—	—
Price asked. . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income. . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked. . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income. . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income. . . . .	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White. . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

## Standard Metropolitan Statistical Areas, Counties, Independent City, and Other Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total												
		Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	13 732	251	916	1 742	2 433	2 489	2 066	2 346	788	562	139	46 200	50 800
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	10 500	109	455	1 070	1 826	1 945	1 783	1 998	690	519	105	49 200	53 900
15 to 24 years	223	15	11	33	91	37	16	11	9	—	—	35 000	36 900
25 to 34 years	2 873	6	57	284	598	674	565	519	107	50	13	47 400	49 800
35 to 44 years	2 549	31	75	118	324	442	521	608	221	157	52	54 500	61 300
45 to 64 years	3 599	27	180	395	554	604	514	682	327	280	36	50 700	56 900
65 years and over	1 256	30	132	240	259	188	167	178	26	32	4	38 700	42 800
Male householder, no wife present	1 025	43	122	222	124	194	125	121	44	17	13	40 100	43 800
15 to 24 years	98	13	10	50	13	—	—	12	—	—	—	25 500	28 700
25 to 34 years	316	7	15	54	51	86	54	25	20	4	—	44 000	45 500
35 to 44 years	211	—	18	29	5	51	31	56	13	8	—	50 600	53 000
45 to 64 years	203	8	16	29	40	48	15	22	11	5	9	42 700	52 400
65 years and over	197	15	63	60	15	9	25	6	—	—	4	25 200	29 800
Female householder, no husband present	2 207	99	339	450	483	350	158	227	54	26	21	34 300	39 100
15 to 24 years	33	8	7	—	6	6	—	—	6	—	—	41 300	38 500
25 to 34 years	194	—	19	31	66	29	7	42	—	—	—	37 000	40 900
35 to 44 years	275	4	24	18	59	76	24	38	13	12	7	44 400	52 800
45 to 64 years	673	38	91	112	114	120	70	75	25	14	14	38 500	43 600
65 years and over	1 032	49	198	289	244	119	51	72	10	—	—	28 900	32 200
Median age	45.4	60.5	61.7	55.4	45.3	42.0	41.0	42.6	45.2	47.5	43.9	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	2 109	41	70	197	334	507	361	341	133	105	20	47 800	52 500
1975 to 1978	4 442	57	219	466	780	836	716	856	260	194	58	48 500	53 500
1970 to 1974	2 496	20	153	240	370	424	391	593	166	102	37	51 000	55 100
1960 to 1969	3 089	39	236	441	554	556	461	461	179	142	20	45 300	50 100
1959 or earlier	1 596	94	238	398	395	166	137	95	50	19	4	31 500	35 500
<b>ROOMS</b>													
1 to 3 rooms	145	28	47	42	11	12	—	—	5	—	—	19 400	23 600
4 rooms	1 189	97	303	379	204	93	64	21	15	9	4	24 000	28 700
5 rooms	3 048	79	355	776	1 035	496	153	129	14	11	—	32 700	34 000
6 rooms	2 919	41	140	348	747	723	504	314	70	32	—	42 300	43 800
7 rooms	2 445	6	41	147	270	645	542	616	111	67	—	51 600	54 400
8 or more rooms	3 986	—	30	50	166	520	803	1 266	573	443	135	65 400	74 100
Median	6.4	4.5	4.8	5.1	5.5	6.4	7.1	7.7	8.4	8.5+	8.5+	...	...
<b>BEDROOMS</b>													
None	8	—	—	3	5	—	—	—	—	—	—	36 000	33 300
1	335	38	105	87	48	44	13	—	—	—	—	22 400	25 500
2	2 644	144	497	781	650	258	164	106	27	9	8	28 400	31 600
3	7 101	69	282	765	1 462	1 748	1 219	1 149	229	161	17	45 600	48 100
4	2 879	—	20	81	214	373	557	883	432	272	47	63 600	68 600
5 or more	765	—	12	25	54	66	113	208	100	120	67	72 400	86 400
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	2 302	14	14	49	223	561	486	512	200	171	72	56 100	65 000
1970 to 1974	2 468	37	62	179	441	463	417	564	154	124	27	51 100	55 900
1960 to 1969	4 240	26	135	498	691	835	671	840	339	185	20	49 300	53 900
1950 to 1959	1 947	15	148	285	542	316	342	222	29	44	4	39 700	43 800
1940 to 1949	897	11	149	313	176	119	36	63	12	14	4	28 500	34 700
1939 or earlier	1 878	148	408	360	195	114	145	54	24	12	—	28 700	34 500
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	779	55	228	231	137	74	24	6	—	—	—	24 200	27 200
\$5,000 to \$9,999	1 238	108	174	305	292	165	102	63	22	7	—	30 900	33 100
\$10,000 to \$12,499	736	34	128	145	161	152	67	34	—	15	—	32 900	35 300
\$12,500 to \$14,999	803	6	96	160	214	134	58	94	20	21	—	35 200	41 100
\$15,000 to \$19,999	1 955	37	144	335	530	440	264	140	38	16	11	38 500	41 300
\$20,000 to \$24,999	1 941	6	56	221	487	465	352	279	36	32	7	44 300	47 300
\$25,000 to \$34,999	3 732	5	83	249	489	832	811	950	200	105	8	52 100	54 600
\$35,000 to \$49,999	1 681	—	7	75	108	186	300	528	294	145	38	64 100	71 100
\$50,000 or more	867	—	—	21	15	41	88	234	172	221	75	82 900	93 200
Median	\$23 378	\$8 326	\$11 094	\$15 366	\$18 796	\$23 092	\$26 995	\$30 697	\$37 604	\$43 699	\$51 374	...	...
Mean	\$25 529	\$9 523	\$12 131	\$16 866	\$19 217	\$23 208	\$27 656	\$32 303	\$38 728	\$53 687	\$65 300	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	9 670	72	400	855	1 669	1 919	1 667	1 852	667	462	107	49 600	54 700
Less than 15 percent	3 272	17	132	296	547	586	551	680	236	197	30	50 800	55 700
15 to 19 percent	2 180	11	72	172	379	451	373	466	164	67	25	50 100	54 300
20 to 24 percent	1 825	8	72	177	346	414	333	268	120	87	—	47 100	51 600
25 to 29 percent	953	16	44	82	160	158	168	199	90	23	13	51 000	56 000
30 to 34 percent	563	—	14	40	92	131	129	114	6	16	21	50 400	58 000
35 percent or more	865	20	56	86	145	179	113	125	51	72	18	46 700	55 200
Not computed	12	—	10	2	—	—	—	—	—	—	—	19 000	20 400
Median	18.6	25.0	19.4	18.8	18.8	19.1	18.8	17.6	18.0	17.5	19.7	—	—
Not mortgaged	4 062	179	516	887	764	570	399	494	121	100	32	35 200	41 500
Less than 10 percent	1 976	61	163	367	339	312	241	285	98	82	28	41 900	48 100
10 to 14 percent	716	36	60	165	159	96	60	103	18	15	4	34 900	41 600
15 to 19 percent	454	7	107	97	67	63	41	69	—	3	—	32 000	36 600
20 to 24 percent	289	37	46	75	46	28	36	21	—	—	—	26 700	31 300
25 to 29 percent	166	16	46	23	38	20	11	7	5	—	—	26 500	31 000
30 to 34 percent	116	—	34	44	32	6	—	—	—	—	—	26 300	25 600
35 percent or more	320	22	60	94	80	45	10	9	—	—	—	28 600	29 600
Not computed	25	—	—	22	3	—	—	—	—	—	—	24 200	24 800
Median	10.3	14.0	16.6	12.0	11.3	10—	10—	10—	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	13 681	236	898	1 724	2 433	2 489	2 066	2 346	788	562	139	46 300	50 900
1.01 or more persons per room	141	18	35	26	40	17	—	—	5	—	—	23 900	27 400
Lacking complete plumbing for exclusive use	51	15	18	18	—	—	—	—	—	—	—	14 800	15 600
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	13 732	251	916	1 742	2 433	2 489	2 066	2 346	788	562	139	46 200	50 800
Central heating system	12 615	99	631	1 526	2 258	2 404	1 985	2 261	755	557	139	47 500	52 500
Air conditioning	11 748	109	430	1 282	1 974	2 275	1 933	2 276	777	553	139	49 200	54 300
Central system	8 366	27	76	369	1 003	1 790	1 652	2 077	724	519	129	55 100	61 500
Income in 1979 below poverty level	561	42	153	136	73	66	20	57	12	2	—	26 200	31 800
Percent below poverty level	4.1	16.7	16.7	7.8	3.0	2.7	1.0	2.4	1.5	0.4	—	...	...

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

## Specified renter-occupied housing units

## HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

## Married-couple families

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
14 711	636	1 397	2 530	3 530	2 995	1 619	731	691	214	368	237	
4 136	24	277	495	1 037	884	652	293	236	71	167	258	
999	—	60	153	394	171	161	31	6	—	23	235	
1 985	8	112	194	441	515	300	211	125	34	45	271	
504	3	6	57	155	100	65	11	72	23	12	259	
439	4	40	50	32	79	101	40	23	5	65	286	
209	9	59	41	15	19	25	—	10	9	22	179	
Male householder, no wife present	4 746	172	482	976	1 065	900	520	207	236	95	93	231
15 to 24 years	2 284	48	192	443	462	456	278	150	154	58	43	247
25 to 34 years	1 730	33	186	369	470	354	184	45	49	37	3	225
35 to 44 years	277	9	17	67	103	19	28	12	22	—	—	217
45 to 64 years	263	38	43	59	13	51	30	—	5	—	24	185
65 years and over	192	44	44	38	17	20	—	—	6	—	23	148
Female householder, no husband present	5 829	440	638	1 059	1 428	1 211	447	231	219	48	108	226
15 to 24 years	2 395	76	216	450	615	608	187	72	125	39	7	237
25 to 34 years	1 616	34	122	311	475	349	169	80	51	4	21	235
35 to 44 years	494	9	59	64	123	89	41	58	38	—	13	245
45 to 64 years	547	36	76	118	131	102	44	21	—	5	14	216
65 years and over	777	285	165	116	84	63	6	—	5	—	53	131
Median age	27.4	66.6	29.0	27.0	26.5	26.5	27.4	27.6	27.3	26.9	51.8	...

## YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	9 058	199	655	1 565	2 217	1 993	1 140	532	492	173	92	246
1975 to 1978	4 178	192	439	670	1 068	839	425	181	180	41	143	233
1970 to 1974	798	127	155	179	186	88	27	—	5	—	31	173
1960 to 1969	540	106	134	87	40	54	19	11	14	—	75	146
1959 or earlier	137	12	14	29	19	21	8	7	—	—	27	200

## ROOMS

1 room	497	188	152	79	48	8	11	6	—	—	5	123
2 rooms	1 073	153	253	357	194	85	20	—	—	—	11	170
3 rooms	2 739	193	406	749	885	409	64	—	4	7	22	201
4 rooms	5 664	50	396	979	1 629	611	174	34	9	130	242	
5 rooms	2 555	46	137	238	563	504	257	198	25	91	277	
6 rooms	1 336	6	41	70	159	253	329	180	242	40	16	320
7 or more rooms	847	—	12	58	52	84	88	114	213	133	93	386
Median	4.0	2.3	3.2	3.6	3.9	4.1	4.7	5.2	6.0	6.9	4.7	...

## PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979

All income levels in 1979	14 711	636	1 397	2 530	3 530	2 995	1 619	731	691	214	368	237
Complete plumbing for exclusive use	14 365	546	1 275	2 497	3 477	2 979	1 602	725	691	214	359	238
0.50 or less	9 802	371	814	1 800	2 521	2 054	1 066	403	385	110	278	235
0.51 to 1.00	4 116	160	390	591	845	831	505	306	306	101	81	252
1.01 to 1.50	357	15	46	77	106	84	10	16	—	3	—	217
1.51 or more	90	—	25	29	5	10	21	—	—	—	—	186

Lacking complete plumbing for exclusive use	346	90	122	33	53	16	17	6	—	—	9	126
0.50 or less	138	7	59	15	45	8	8	—	—	—	4	151
0.51 to 1.00	184	73	55	18	8	8	17	—	—	—	5	106
1.01 to 1.50	14	—	8	—	—	—	—	6	—	—	—	139
1.51 or more	10	10	—	—	—	—	—	—	—	—	—	85

Income in 1979 below poverty level	3 970	347	555	610	829	724	379	220	144	69	93	228
Complete plumbing for exclusive use	3 763	294	480	589	813	708	362	220	144	69	84	231
1.01 or more persons per room	177	15	34	59	29	19	15	6	—	—	—	188
Lacking complete plumbing for exclusive use	207	53	75	21	16	16	17	—	—	—	9	125
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—

## BEDROOMS

None	618	215	189	112	55	15	21	6	—	—	5	128
1	4 113	334	641	1 178	1 253	550	49	26	7	7	68	196
2	7 056	62	449	1 070	1 920	2 000	1 042	278	77	23	135	249
3	2 317	25	98	146	266	407	459	345	420	61	90	319
4	506	—	20	24	36	23	47	64	144	81	67	404
5 or more	101	—	—	—	—	—	1	12	43	42	3	484

## UNITS IN STRUCTURE

1, detached or attached	3 451	79	250	597	752	622	354	260	251	91	195	247
2	2 400	33	161	307	399	452	496	216	283	39	274	
3 and 4	2 151	141	243	443	672	369	113	77	34	36	23	215
5 to 9	1 590	41	200	377	326	330	199	66	15	10	26	229
10 to 49	2 850	93	293	352	801	795	295	58	93	32	38	242
50 or more	1 106	249	102	100	213	250	132	51	9	—	—	229
Mobile home or trailer, etc.	1 163	—	148	354	367	177	30	3	6	6	72	205

## STORIES IN STRUCTURE

1 to 3	13 723	347	1 231	2 411	3 346	2 917	1 517	695	691	214	354	240
4 or more	988	289	166	119	184	78	102	36	—	—	14	163
With elevator	759	259	78	68	153	70	95	36	—	—	—	186

## GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent	2 142	152	305	431	493	443	214	31	64	9	...	216
15 to 19 percent	2 246	80	229	409	532	435	305	120	111	25	...	239
20 to 24 percent	1 909	95	153	365	500	351	232	102	87	24	...	234
25 to 29 percent	1 685	99	109	270	427	402	150	91	122	15	...	243
30 to 34 percent	996	38	116	155	283	161	117	74	29	23	...	225
35 to 49 percent	1 973	83	149	309	494	479	220	86	83	70	...	246
50 percent or more	3 159	56	312	562	750	661	354	225	195	44	...	244
Not computed	601	33	24	29	51	63	27	2	—	4	368	232
Median	27.2	23.7	25.0	2								

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## The SMSA

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,500	\$12,500 to \$15,000	\$15,000 to \$20,000	\$20,000 to \$25,000	\$25,000 to \$35,000	\$35,000 to \$50,000 or more	Median (dollars)	Mean (dollars)			
		\$12,499	\$14,999	\$19,999	\$24,999	\$34,999	\$49,999							
Owner-occupied housing units	19 897	1 347	2 174	1 339	1 413	2 876	2 694	4 653	2 196	1 205	21 380	24 138	1 009	
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	14 468	272	921	711	892	2 142	2 247	4 186	2 023	1 074	25 101	27 698	306	
15 to 24 years	511	7	106	68	56	134	107	28	—	5	15 571	15 938	7	
25 to 34 years	3 796	21	106	138	266	811	862	1 142	347	103	23 179	24 646	40	
35 to 44 years	3 374	38	61	86	142	373	523	1 249	609	293	28 566	30 578	73	
45 to 64 years	4 966	92	202	183	263	576	603	1 511	944	592	28 817	32 031	108	
65 years and over	1 821	114	446	236	165	248	152	256	123	81	14 235	20 208	78	
Male householder, no wife present	1 944	249	311	257	182	292	192	256	118	87	14 629	18 526	166	
15 to 24 years	306	58	82	59	44	24	6	12	15	6	10 551	12 578	40	
25 to 34 years	582	14	87	79	96	118	45	87	37	19	15 399	19 881	28	
35 to 44 years	333	23	14	19	20	68	59	81	14	35	21 406	26 012	13	
45 to 64 years	415	35	45	58	10	70	69	70	37	21	18 990	21 108	22	
65 years and over	308	119	83	42	12	12	13	6	15	6	6 823	10 299	63	
Female householder, no husband present	3 485	826	942	371	339	442	255	211	55	44	9 850	12 490	537	
15 to 24 years	74	7	47	6	—	8	6	—	—	—	7 976	9 844	20	
25 to 34 years	445	60	145	84	50	50	17	39	—	—	10 521	11 899	74	
35 to 44 years	402	26	72	51	51	76	81	19	19	7	15 048	16 745	26	
45 to 64 years	1 044	96	293	132	137	173	84	94	15	20	12 518	15 255	78	
65 years and over	1 520	637	385	98	101	135	67	59	21	17	6 187	9 768	339	
Median age	45.4	70.7	60.3	52.9	43.8	39.7	39.0	42.3	45.9	47.9	...	...	62.6	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	3 189	149	313	261	291	507	534	711	244	179	20 593	23 041	147	
1975 to 1978	6 686	251	525	379	488	1 199	1 034	1 698	701	411	22 350	25 174	253	
1970 to 1974	3 769	165	360	248	247	429	492	995	573	260	24 372	25 967	129	
1960 to 1969	3 994	345	428	265	236	491	448	968	557	256	22 283	25 567	231	
1959 or earlier	2 259	437	548	186	151	250	186	281	121	99	11 942	17 045	249	
<b>SELECTED CHARACTERISTICS</b>														
Complete plumbing for exclusive use	19 634	1 252	2 109	1 314	1 382	2 874	2 681	4 643	2 174	1 205	21 535	24 311	937	
1 or more persons per room	241	8	19	25	10	79	40	47	8	5	18 975	20 534	16	
Locking complete plumbing for exclusive use	263	95	65	25	31	2	13	10	22	—	7 773	11 257	72	
1 or more persons per room	13	—	—	8	—	5	—	—	—	—	14 531	16 851	—	
Hearing equipment	19 890	1 347	2 174	1 332	1 413	2 876	2 694	4 653	2 196	1 205	21 386	24 143	1 009	
Central heating system	17 756	1 003	1 743	1 133	1 263	2 593	2 450	4 317	2 096	1 158	22 170	25 020	748	
Air conditioning	16 293	791	1 476	940	1 128	2 325	2 277	4 176	2 011	1 169	23 162	25 895	601	
Central system	10 966	196	595	411	595	1 374	1 683	3 340	1 703	1 069	26 826	29 841	187	
Vehicles available	19 449	910	1 959	1 302	1 393	2 852	2 679	4 653	2 196	1 205	22 000	24 849	759	
1	5 268	635	1 172	706	544	812	558	511	218	112	13 056	15 882	399	
2 or more	13 881	275	787	596	849	2 040	2 121	4 142	1 978	1 093	25 573	28 252	360	
House heating fuel	19 890	1 347	2 174	1 332	1 413	2 876	2 694	4 653	2 196	1 205	21 386	24 143	1 009	
Utility gas	12 364	1 007	1 550	893	883	1 819	1 524	2 638	1 306	744	20 091	23 377	704	
Bottled, tank, or LP gas	1 957	210	253	177	145	310	269	354	185	54	18 157	20 480	160	
Electricity	4 469	65	213	186	303	579	727	1 407	638	351	26 112	28 448	85	
Fuel oil, kerosene, etc.	117	—	17	15	13	5	23	23	6	15	21 181	24 893	—	
Other	983	65	141	61	69	163	151	231	61	41	19 736	21 408	60	
Median rooms	6.0	4.6	4.9	5.1	5.2	5.6	6.1	6.8	7.7	8.5	...	...	4.7	
Specified owner-occupied housing units	13 732	779	1 238	736	803	1 955	1 941	3 732	1 681	867	23 378	25 529	561	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>														
With a mortgage	9 670	180	403	402	504	1 448	1 629	3 038	1 405	661	25 750	27 890	174	
Less than \$200	679	70	89	65	70	146	63	126	45	5	16 210	17 869	35	
\$200 to \$249	1 164	17	67	98	105	186	232	302	116	41	21 405	24 038	16	
\$250 to \$299	1 356	12	66	81	105	303	198	366	180	45	21 916	24 667	3	
\$300 to \$349	1 250	37	59	44	46	232	263	374	112	83	23 614	25 979	39	
\$350 to \$399	1 224	6	61	38	80	193	284	376	131	55	23 832	25 392	9	
\$400 to \$499	1 843	18	32	53	42	248	321	704	338	87	27 016	29 436	33	
\$500 to \$599	1 124	14	18	16	20	86	211	442	219	98	28 931	32 580	16	
\$600 to \$749	669	—	6	—	27	38	46	285	134	133	31 372	36 799	17	
\$750 or more	361	6	5	7	9	16	11	63	130	114	37 501	47 353	6	
Median	\$366	\$263	\$284	\$273	\$287	\$319	\$360	\$397	\$431	\$515	...	...	\$342	
Not mortgaged	4 062	599	835	334	299	507	312	694	276	206	14 699	19 906	387	
Less than \$50	68	23	25	7	3	7	3	—	—	—	6 618	8 077	19	
\$50 to \$74	338	109	123	27	29	16	25	—	9	—	8 102	9 697	44	
\$75 to \$99	836	146	233	96	73	107	78	89	14	—	11 016	13 217	96	
\$100 to \$124	943	171	226	89	41	153	48	182	18	15	12 093	15 949	86	
\$125 to \$149	717	104	143	52	54	85	61	139	56	23	15 353	19 079	98	
\$150 to \$199	738	27	78	51	69	105	45	180	115	68	23 929	27 130	30	
\$200 to \$249	269	12	7	12	17	18	34	64	46	59	31 832	35 214	12	
\$250 or more	153	7	—	—	13	16	18	40	18	41	29 911	50 776	2	
Median	\$121	\$103	\$104	\$110	\$127	\$120	\$126	\$139	\$168	\$198	...	...	\$110	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
With a mortgage	9 670	180	403	402	504	1 448	1 629	3 038	1 405	661	25 750	27 890	174	
Less than 15 percent	3 272	—	—	—	44	198	368	1 261	881	520	32 619	37 732	2	
15 to 19 percent	2 180	3	8	32	56	338	429	879	311	124	27 305	28 987	—	
20 to 24 percent	1 825	3	26	81	158	412	469	550	109	17	22 372	23 170	4	
25 to 29 percent	953	—	74	96	53	167	251	244	68	—	21 758	21 759	14	
30 to 34 percent	563	8	25	56	80	202	81	90	21	—	17 163	18 814	8	
35 percent or more	865	154	270	137	113	131	31	14	15	—	10 155	10 916	134	
Not computed	12	12	—	—	—	—	—	—	—	—	2500	—	640	12
Median	18.6	50+	41.3	29.6	24.8	22.3	20.2	16.5	13.1	10—	...	...	50+	
Not mortgaged	4 062	599	835	334	299	507	312	694	276	206	14 699	19 906	387	
Less than 10 percent	1 976	—	68	76	118	347	423	648	270	206	26 943	31 378	4	
10 to 14 percent	716	10	194	172	118	126	51	39	6	—	12 238	13 865	—	
15 to 19 percent	454	39	259	67	40	24	18	7	—	—	8 207	9 614	21	
20 to 24 percent	289	85	177	13	10	4	—	—	—	—	6 430	6 769	16	
25 to 29 percent	166	73	68	6	13	6	—	—	—	—	5 481	6 442	56	
30 to 34 percent	116	71	45	—	—	—	—	—	—	—	4 522	4 672	17	
35 percent or more	320	304</												

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## The SMSA

	Household income in 1979												Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	15 399	3 382	4 224	1 843	1 346	2 014	1 242	950	239	159	10 127	12 285	4 059	
Renter-occupied housing units	15 399	3 382	4 224	1 843	1 346	2 014	1 242	950	239	159	10 127	12 285	4 059	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	4 552	265	851	571	481	1 015	740	477	93	59	15 471	16 660	405	
15 to 24 years	1 046	93	300	112	159	223	85	68	6	12 783	13 294	106		
25 to 34 years	2 183	100	355	312	223	564	386	205	24	14	15 837	16 267	205	
35 to 44 years	541	27	64	33	40	88	151	91	17	30	20 811	22 507	48	
45 to 64 years	524	36	29	78	22	107	89	113	35	15	18 684	20 715	44	
65 years and over	258	9	103	36	37	33	29	—	11	11 181	13 131	2		
Male householder, no wife present	4 914	1 243	1 349	563	420	542	323	304	82	88	9 501	12 160	1 577	
15 to 24 years	2 318	785	725	233	153	209	89	70	19	35	7 756	9 889	1 146	
25 to 34 years	1 828	282	492	233	197	260	196	134	9	11 502	12 881	312		
35 to 44 years	301	21	52	35	31	43	27	56	14	22	16 437	21 010	21	
45 to 64 years	269	49	57	44	18	12	11	32	24	22	11 619	19 373	51	
65 years and over	198	106	23	18	21	18	—	12	—	4 823	8 823	47		
Female householder, no husband present	5 933	1 874	2 024	709	445	457	179	169	64	12	7 400	9 033	2 077	
15 to 24 years	2 413	915	804	252	164	162	53	63	—	—	6 612	7 838	1 126	
25 to 34 years	1 661	268	668	264	147	170	70	62	12	—	9 044	10 290	397	
35 to 44 years	494	48	176	82	48	77	31	10	22	—	10 701	12 380	88	
45 to 64 years	555	122	199	84	44	40	25	26	8	7	9 011	11 077	129	
65 years and over	810	521	177	27	42	8	—	8	22	5	4 239	6 570	337	
Median age	27.6	24.7	26.4	28.0	27.6	28.1	29.7	32.0	41.9	39.0	—	—	24.2	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	9 365	2 037	2 850	1 170	752	1 139	706	525	90	96	9 621	11 726	2 749	
1975 to 1978	4 395	824	1 021	545	434	695	413	319	98	46	11 617	13 383	909	
1970 to 1974	831	221	176	81	137	58	71	45	33	9	10 571	12 311	178	
1960 to 1969	598	242	110	33	23	104	43	17	18	8	7 634	12 774	172	
1959 or earlier	210	58	67	14	—	18	9	44	—	—	8 913	12 734	51	
PLUMBING FACILITIES BY PERSONS PER ROOM														
Complete plumbing for exclusive use	14 979	3 172	4 124	1 795	1 337	1 996	1 228	929	239	159	10 269	12 421	3 842	
0.50 or less	10 190	2 406	2 829	1 231	919	1 223	675	622	144	141	9 755	12 062	2 336	
0.51 to 1.00	4 334	678	1 203	502	358	704	526	256	91	16	11 424	13 207	1 329	
1.01 to 1.50	365	71	61	36	52	66	22	51	4	2	13 197	13 920	136	
1.51 or more	90	17	31	26	8	3	5	—	—	9 625	9 280	41		
Lacking complete plumbing for exclusive use	420	210	100	48	9	18	14	21	—	—	5 000	7 422	217	
0.50 or less	179	100	36	22	—	7	14	—	—	—	4 403	6 881	90	
0.51 to 1.00	217	110	50	26	9	5	—	17	—	—	4 659	7 104	127	
1.01 to 1.50	14	—	8	—	6	—	—	—	—	—	9 688	11 305	—	
1.51 or more	10	—	6	—	—	—	—	4	—	—	9 583	18 566	—	
SELECTED CHARACTERISTICS														
Heating equipment	15 395	3 378	4 224	1 843	1 346	2 014	1 242	950	239	159	10 130	12 288	4 055	
Central heating system	14 053	3 076	3 904	1 607	1 262	1 827	1 137	865	223	152	10 072	12 328	3 736	
Air conditioning	11 285	2 192	2 961	1 287	1 071	1 589	1 037	777	229	142	10 951	13 163	2 753	
Central system	7 034	1 111	1 793	723	766	1 019	744	595	148	135	12 120	14 315	1 662	
Vehicles available	13 398	2 233	3 646	1 752	1 269	1 967	1 209	944	225	153	11 170	13 254	3 037	
1	7 538	1 671	2 504	1 081	654	800	377	367	52	32	9 135	10 590	1 749	
2 or more	5 860	562	1 142	671	615	1 167	832	577	173	121	14 756	16 680	1 288	
House heating fuel	15 395	3 378	4 224	1 843	1 346	2 014	1 242	950	239	159	10 130	12 288	4 055	
Utility gas	10 564	2 551	2 906	1 330	904	1 322	709	603	155	84	9 681	11 693	2 990	
Bottled, tank, or LP gas	688	130	142	40	71	102	132	51	13	7	13 627	14 142	161	
Electricity	3 728	631	1 041	396	345	524	385	277	61	68	11 212	13 672	839	
Fuel oil, kerosene, etc.	102	32	47	21	—	2	—	—	—	—	8 333	7 744	16	
Other	313	34	88	56	26	64	16	19	10	—	11 540	13 279	49	
Median rooms	4.1	3.5	3.9	4.1	4.2	4.4	4.9	4.8	4.9	—	—	—	3.9	
Specified renter-occupied housing units	14 711	3 310	4 102	1 740	1 253	1 867	1 174	899	220	146	9 929	12 075	3 970	
CONTRACT RENT														
Less than \$100	1 641	836	420	172	93	60	6	37	15	2	4 927	6 904	770	
\$100 to \$149	2 639	660	944	305	199	287	118	98	18	10	8 365	10 065	626	
\$150 to \$199	4 059	764	1 336	549	386	506	319	174	17	8	9 731	11 061	872	
\$200 to \$249	3 207	595	685	461	346	538	322	185	56	19	11 754	13 129	750	
\$250 to \$299	1 664	216	360	173	94	260	225	221	54	61	14 707	16 974	449	
\$300 to \$349	639	86	160	29	37	97	91	105	23	11	15 375	16 310	239	
\$350 to \$399	284	32	59	9	29	47	40	35	12	21	17 763	20 252	93	
\$400 to \$499	182	18	4	18	33	35	21	38	15	—	17 368	19 573	60	
\$500 or more	28	6	12	5	—	—	—	—	5	—	9 167	13 002	18	
No cash rent	368	97	122	19	36	37	32	6	5	14	8 818	11 942	93	
Median	\$183	\$155	\$172	\$181	\$189	\$206	\$225	\$233	\$251	\$275	—	—	\$179	
GROSS RENT														
Less than \$100	636	470	118	21	7	—	5	15	—	—	3 782	4 736	347	
\$100 to \$149	1 397	558	471	176	85	59	13	28	7	—	6 175	7 300	555	
\$150 to \$199	2 530	654	940	320	202	221	93	62	26	12	8 308	9 706	610	
\$200 to \$249	3 530	698	1 059	508	387	511	225	127	15	—	10 039	10 917	829	
\$250 to \$299	2 995	467	773	410	264	458	308	222	59	34	11 570	13 672	724	
\$300 to \$349	1 619	224	296	189	97	299	250	199	26	39	15 054	16 128	379	
\$350 to \$399	731	66	182	47	86	138	105	76	19	12	14 549	15 719	220	
\$400 to \$499	691	61	125	36	56	104	112	133	34	30	18 678	20 097	144	
\$500 or more	214	15	16	14	33	40	31	31	29	5	18 690	21 020	69	
No cash rent	368	97	122	19	36	37	32	6	5	14	8 818	11 942	93	
Median	\$237	\$192	\$220	\$232	\$242	\$264	\$288	\$298	\$301	\$326	—	—	\$228	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
Less than 15 percent	2 142	45	75	118	138	377	464	603	190	132	23 623	25 552	109	
15 to 19 percent	2 246	44	208	286	298	698	450	237	25	—	16 934	17 271	128	
20 to 24 percent	1 909	72	423	373	399	446	150	46	—	—	13 042	13 272	107	
25 to 29 percent	1 685	112	545	534	198	234	55	7	—	—	10 868	11 116	165	
30 to 34 percent	996	98	537	226	77	42	16	—	—	—	8 790	9 076	167	
35 to 49 percent	1 973	295	1 373	161	104	33	7	—	—	—	7 371	7 582	511	
50 percent or more	3 159	2 314	819	23	3	—	—	—	—	—	3 547	3 687	2 457	
Not computed	601	330	122	19	36	37	32	6	5	14	3 946	7 312	326	
Median	27.2	50+	36.5</											

Table A-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

## The SMSA

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	9 670	679	1 164	1 356	1 250	1 224	1 843	1 124	669	361	366
PERSONS IN UNIT											
1 person	825	111	122	114	143	138	119	52	13	13	323
2 persons	2 612	271	356	440	318	306	477	222	168	54	338
3 persons	2 150	111	338	323	246	255	419	249	154	55	361
4 persons	2 676	139	210	287	356	344	595	362	230	153	400
5 persons	924	37	104	113	126	117	159	159	52	57	385
6 persons	335	—	18	60	40	49	38	69	36	25	401
7 persons	106	7	10	9	21	7	36	—	16	—	393
8 or more persons	42	3	6	10	—	8	—	11	—	4	363
Median	3.15	2.34	2.81	2.88	3.17	3.16	3.28	3.61	3.50	3.88	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	8 030	460	895	1 107	1 050	981	1 608	1 017	599	313	376
15 to 24 years	179	11	9	16	36	33	50	24	—	—	377
25 to 34 years	2 762	87	202	284	349	430	678	430	210	92	404
35 to 44 years	2 340	109	237	301	250	196	497	347	253	150	414
45 to 64 years	2 545	190	425	446	385	311	373	208	136	71	327
65 years and over	204	63	22	60	30	11	10	8	—	—	264
Male householder, no wife present	752	110	129	103	61	127	102	63	31	26	328
15 to 24 years	85	26	—	37	4	—	6	12	—	—	272
25 to 34 years	272	35	40	18	27	67	50	20	5	10	362
35 to 44 years	192	14	25	28	16	31	22	29	20	7	371
45 to 64 years	169	18	57	20	8	25	24	2	6	9	274
65 years and over	34	17	7	—	6	4	—	—	—	—	200
Female householder, no husband present	888	109	140	146	139	116	133	44	39	22	318
15 to 24 years	18	—	—	—	6	6	—	—	—	6	375
25 to 34 years	162	9	36	26	33	10	26	11	11	—	315
35 to 44 years	254	16	20	46	42	24	59	14	21	12	356
45 to 64 years	386	57	62	67	57	67	46	19	7	4	306
65 years and over	68	27	22	7	9	2	—	—	—	—	216
Median age	39.3	50.7	45.3	43.0	40.2	37.5	36.5	36.6	38.0	38.4	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	1 806	39	111	107	194	186	380	363	282	144	467
1975 to 1978	3 891	234	302	377	430	592	918	568	302	168	401
1970 to 1974	1 987	131	225	393	350	284	366	128	74	36	335
1960 to 1969	1 818	204	496	465	252	147	172	60	9	13	272
1959 or earlier	168	71	30	14	24	15	7	5	2	—	222
ROOMS											
1 to 3 rooms	73	29	7	5	15	6	6	—	—	5	255
4 rooms	493	152	79	93	72	16	41	31	9	—	258
5 rooms	1 886	224	409	355	290	212	263	98	29	6	294
6 rooms	1 956	146	319	296	261	266	325	195	138	10	342
7 rooms	1 929	63	195	246	260	312	418	241	121	73	382
8 or more rooms	3 333	65	155	361	352	412	790	559	372	267	442
Median	6.7	5.2	5.8	6.3	6.5	6.9	7.2	7.5	7.7	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980	2 067	46	38	59	134	247	571	438	355	179	490
1970 to 1974	2 089	86	178	209	318	292	502	284	115	105	393
1960 to 1969	3 160	158	464	633	521	423	547	267	110	37	331
1950 to 1959	1 127	169	240	199	135	162	126	55	30	11	289
1940 to 1949	436	85	90	94	49	38	35	22	17	6	273
1939 or earlier	791	135	154	162	93	62	62	58	42	23	283
VALUE											
Less than \$10,000	72	41	13	18	—	—	—	—	—	—	192
\$10,000 to \$19,999	400	236	84	31	19	8	16	6	—	—	189
\$20,000 to \$29,999	855	113	252	268	155	40	22	5	—	—	262
\$30,000 to \$39,999	1 669	154	356	307	318	251	233	50	—	—	303
\$40,000 to \$49,999	1 919	82	228	317	254	341	493	161	34	9	362
\$50,000 to \$59,999	1 667	13	142	223	221	252	404	284	108	20	397
\$60,000 to \$79,999	1 852	37	80	134	292	232	470	379	240	48	442
\$80,000 to \$99,999	667	2	—	38	35	64	118	174	143	93	544
\$100,000 to \$149,999	462	1	9	20	16	26	87	57	118	128	619
\$150,000 or more	107	—	—	—	—	10	8	26	63	750+	...
Median	\$49 600	\$26 700	\$36 200	\$41 800	\$45 200	\$49 200	\$53 900	\$62 100	\$77 100	\$103 400	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	3 272	416	756	664	527	289	366	148	84	22	285
15 to 19 percent	2 180	82	145	329	288	337	589	226	109	75	386
20 to 24 percent	1 825	62	129	182	229	321	387	331	136	48	398
25 to 29 percent	953	47	77	68	51	76	179	210	178	67	485
30 to 34 percent	563	8	13	41	42	74	170	78	71	66	460
35 percent or more	865	55	44	72	110	127	152	131	91	83	418
Not computed	12	9	—	3	—	—	—	—	—	—	183
Median	18.6	12.7	13.2	15.2	16.7	19.8	19.7	22.8	25.2	27.6	...
SELECTED CHARACTERISTICS											
Heating equipment -----	9 670	679	1 164	1 356	1 250	1 224	1 843	1 124	669	361	366
Steam or hot water system	449	26	83	86	61	44	59	32	35	23	324
Central warm-air furnace or electric heat pump	7 759	420	879	1 038	1 022	1 004	1 566	951	562	317	376
Other built-in electric units	669	32	53	113	50	118	139	98	49	17	387
Floor, wall, or pipeless furnace	217	90	34	46	27	16	—	—	—	4	227
Other means	576	111	115	73	90	42	79	43	23	—	292
Air conditioning -----	8 577	458	900	1 180	1 032	1 138	1 765	1 086	661	357	382
Central system	6 552	185	424	726	837	895	1 540	989	611	345	412
1 or more individual room units	2 025	273	476	454	195	243	225	97	50	12	279
House heating fuel -----	9 670	679	1 164	1 356	1 250	1 224	1 843	1 124	669	361	366
Utility gas	6 113	557	968	1 108	932	734	962	470	241	141	323
Bottled, tank, or LP gas	399	16	73	49	49	87	50	42	21	12	357
Electricity	2 803	68	73	169	189	369	764	579	384	208	467
Fuel oil, kerosene, etc.	24	—	9	8	7	—	—	—	—	—	319
Other	331	38	50	21	72	27	67	33	23	—	339

Table A-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## The SMSA

## Specified owner-occupied housing units

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
PERSONS IN UNIT	4 062	68	338	836	943	717	738	269	153	121
1 person	1 173	37	200	351	262	190	100	12	21	100
2 persons	1 879	28	87	369	490	355	379	140	31	123
3 persons	522	3	24	86	123	60	142	46	38	135
4 persons	255	—	4	20	26	70	54	46	35	157
5 persons	154	—	15	5	32	17	40	21	24	160
6 persons	61	—	4	5	10	25	9	4	4	136
7 persons	14	—	—	—	—	—	14	—	—	175
8 or more persons	4	—	4	—	—	—	—	—	—	63
Median	1.96	1.42	1.34	1.68	1.93	1.97	2.21	2.38	3.14	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	2 470	15	120	448	577	462	479	250	119	129
15 to 24 years	44	2	10	11	10	—	—	—	11	123
25 to 34 years	111	—	—	24	22	36	24	5	—	132
35 to 44 years	209	3	5	15	41	51	44	27	23	145
45 to 64 years	1 054	—	40	132	212	201	251	156	62	143
65 years and over	1 052	10	65	277	291	164	160	62	23	115
Male householder, no wife present	273	42	52	63	36	48	32	—	—	92
15 to 24 years	13	13	—	—	—	—	—	—	—	50
25 to 34 years	44	7	—	12	6	9	10	—	—	113
35 to 44 years	19	4	5	10	—	—	—	—	—	76
45 to 64 years	34	9	6	7	—	2	10	—	—	82
65 years and over	163	9	41	34	30	37	12	—	—	98
Female householder, no husband present	1 319	11	166	325	330	207	227	19	34	112
15 to 24 years	15	—	8	—	—	7	—	—	—	73
25 to 34 years	32	—	11	—	—	—	21	—	—	162
35 to 44 years	21	—	4	—	—	3	14	—	—	163
45 to 64 years	287	3	10	64	70	48	83	—	9	124
65 years and over	964	8	133	261	260	149	109	19	25	108
Median age	66.2	47.5	72.5	70.5	68.3	64.6	60.6	60.5	53.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	303	19	23	31	8	62	107	34	19	154
1975 to 1978	551	21	44	95	100	89	119	49	34	129
1970 to 1974	509	4	37	69	118	77	133	56	15	134
1960 to 1969	1 271	3	77	233	337	282	211	91	37	124
1959 or earlier	1 428	21	157	408	380	207	168	39	48	108
ROOMS										
1 to 3 rooms	72	5	17	31	10	—	9	—	—	86
4 rooms	696	48	128	188	126	119	69	16	2	98
5 rooms	1 162	13	125	350	336	222	81	35	—	107
6 rooms	963	2	52	184	279	174	193	42	37	122
7 rooms	516	—	14	56	127	100	119	52	48	140
8 or more rooms	653	—	2	27	65	102	267	124	66	174
Median	5.6	4.1	4.7	5.1	5.5	5.6	6.6	7.3	7.3	...
YEAR STRUCTURE BUILT										
1975 to March 1980	235	7	8	24	25	48	62	50	11	154
1970 to 1974	379	5	39	34	66	53	102	51	29	146
1960 to 1969	1 080	21	47	147	316	199	209	107	34	126
1950 to 1959	820	7	42	206	162	164	156	41	42	124
1940 to 1949	461	5	71	120	88	80	77	5	15	110
1939 or earlier	1 087	23	131	305	286	173	132	15	22	107
VALUE										
Less than \$10,000	179	11	62	30	53	17	6	—	—	89
\$10,000 to \$19,999	516	28	88	159	111	64	60	—	6	97
\$20,000 to \$29,999	887	23	124	292	216	162	56	14	—	101
\$30,000 to \$39,999	764	2	58	213	247	125	101	18	—	111
\$40,000 to \$49,999	570	—	6	82	133	152	131	36	30	136
\$50,000 to \$59,999	399	4	—	46	116	95	89	37	12	134
\$60,000 to \$79,999	494	—	—	6	62	84	226	73	43	171
\$80,000 to \$99,999	121	—	—	8	5	18	33	52	5	195
\$100,000 to \$149,999	100	—	—	—	—	—	22	35	43	240
\$150,000 or more	32	—	—	—	—	—	14	4	14	225
Median	\$35 200	\$19 200	\$21 200	\$26 800	\$33 900	\$38 800	\$51 200	\$70 100	\$72 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	1 976	35	159	403	429	343	391	163	53	123
10 to 14 percent	716	6	60	155	154	104	158	40	39	122
15 to 19 percent	454	15	40	108	103	50	82	25	31	116
20 to 24 percent	289	2	43	64	72	53	35	16	4	112
25 to 29 percent	166	2	21	26	38	23	31	6	19	122
30 to 34 percent	116	—	5	10	48	39	7	7	—	122
35 percent or more	320	—	10	60	99	105	27	12	7	123
Not computed	25	8	—	10	—	—	7	—	—	86
Median	10.3	10	10.8	10.3	11.4	10.7	10	10	13.0	...
SELECTED CHARACTERISTICS										
Heating equipment	4 062	68	338	836	943	717	738	269	153	121
Steam or hot water system	262	—	6	50	53	21	83	19	30	151
Central warm-air furnace or electric heat pump	2 898	41	156	522	681	565	598	219	116	127
Other built-in electric units	110	—	—	15	23	35	19	18	—	137
Floor, wall, or pipeless furnace	251	—	65	99	35	33	13	6	—	90
Other means	541	27	111	150	151	63	25	7	7	97
Air conditioning	3 171	35	160	626	768	546	621	264	151	125
Central system	1 814	3	21	196	389	366	465	241	133	145
1 or more individual room units	1 357	32	139	430	379	180	156	23	18	105
House heating fuel	4 062	68	338	836	943	717	738	269	153	121
Utility gas	3 426	63	304	753	804	604	588	193	117	118
Bottled, tank, or LP gas	217	—	15	24	52	34	65	10	17	138
Electricity	308	3	4	31	44	69	72	66	19	152
Fuel oil, kerosene, etc.	21	—	—	6	5	4	6	—	—	122
Other	90	2	15	22	38	6	7	—	—	104

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

The SMSA	Owner-occupied housing units						Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	
		19 897	3 587	4 198	5 922	3 476		15 399	2 430	3 403	4 508	2 874	2 184
<b>Occupied housing units</b>													
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	14 468	3 006	3 198	4 447	2 364	1 453	4 552	915	995	1 241	715	686	
15 to 24 years	511	106	204	144	39	18	1 046	199	308	254	182	103	
25 to 34 years	3 796	1 334	1 044	724	442	252	2 183	510	464	552	321	336	
35 to 44 years	3 374	762	1 005	1 042	311	254	541	102	133	177	64	65	
45 to 64 years	4 966	693	838	1 965	990	480	524	78	63	137	104	142	
65 years and over	1 821	111	107	572	582	449	258	26	27	121	44	40	
Male householder, no wife present	1 944	291	433	554	399	267	4 914	690	1 047	1 494	987	696	
15 to 24 years	306	31	100	117	38	20	2 318	358	560	674	479	247	
25 to 34 years	582	115	146	110	143	68	1 828	245	384	513	389	297	
35 to 44 years	333	102	71	102	34	24	301	31	58	142	28	42	
45 to 64 years	415	43	92	158	77	45	269	25	10	99	63	72	
65 years and over	308	—	24	67	107	110	198	31	35	66	28	38	
Female householder, no husband present	3 485	290	567	921	713	994	5 933	825	1 361	1 773	1 172	802	
15 to 24 years	74	8	15	32	13	6	2 413	338	575	699	479	322	
25 to 34 years	445	75	153	115	51	51	1 661	287	398	414	359	203	
35 to 44 years	402	52	110	130	79	31	494	69	128	150	108	39	
45 to 64 years	1 044	100	186	326	218	214	555	46	93	220	112	84	
65 years and over	1 520	55	103	318	352	692	810	85	167	290	114	154	
Median age	45.4	36.1	38.4	48.4	54.7	62.3	27.6	27.3	26.7	28.2	27.0	28.9	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	3 189	1 276	688	642	327	256	9 365	1 825	2 173	2 597	1 707	1 063	
1975 to 1978	6 686	2 311	1 604	1 513	775	483	4 395	605	1 052	1 351	784	603	
1970 to 1974	3 769	—	1 906	1 114	445	304	831	—	178	313	183	157	
1960 to 1969	3 994	—	—	2 653	834	507	598	—	—	247	128	223	
1959 or earlier	2 259	—	—	—	1 095	1 164	210	—	—	—	72	138	
<b>ROOMS</b>													
1 room	38	6	12	7	—	13	506	7	90	86	117	206	
2 rooms	61	21	7	14	6	13	1 078	64	256	302	219	237	
3 rooms	412	32	77	127	75	101	2 783	342	551	1 041	472	377	
4 rooms	2 665	229	719	789	514	414	5 858	979	1 388	2 025	974	492	
5 rooms	4 670	754	961	1 313	903	739	2 719	490	719	515	581	414	
6 rooms	4 017	762	738	1 021	863	633	1 507	385	212	334	307	269	
7 or more rooms	8 034	1 783	1 684	2 651	1 115	801	948	163	187	205	204	189	
Median	6.0	6.5	5.9	6.2	5.8	5.6	4.1	4.3	4.1	3.9	4.1	4.1	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	19 634	3 544	4 198	5 892	3 406	2 594	14 979	2 414	3 395	4 446	2 799	1 925	
0.50 or less	14 033	2 355	2 710	4 244	2 646	2 078	10 190	1 694	2 242	3 069	1 926	1 259	
0.51 to 1.00	5 360	1 168	1 413	1 564	732	483	4 334	647	1 069	1 216	779	623	
1.01 to 1.50	182	10	59	63	22	28	365	68	64	117	79	37	
1.51 or more	59	11	16	21	6	5	90	5	20	44	15	6	
Lacking complete plumbing for exclusive use	263	43	—	30	70	120	420	16	8	62	75	259	
0.50 or less	155	—	—	11	43	101	179	16	8	22	27	106	
0.51 to 1.00	95	35	—	19	22	19	217	—	—	34	48	135	
1.01 to 1.50	13	8	—	—	5	—	14	—	—	6	—	8	
1.51 or more	—	—	—	—	—	—	10	—	—	—	—	10	
<b>PERSONS IN UNIT</b>													
1 person	3 354	337	536	881	730	870	5 673	714	1 132	1 811	1 058	958	
2 persons	6 619	950	1 199	2 004	1 456	1 010	5 389	910	1 298	1 584	985	612	
3 persons	3 888	851	899	1 157	587	394	2 327	479	545	521	481	301	
4 persons	3 801	1 090	953	1 104	421	233	1 304	243	266	384	205	206	
5 persons	1 493	256	396	504	180	157	463	70	122	112	88	71	
6 or more persons	742	103	215	272	102	50	243	14	40	96	57	36	
Median	2.50	3.10	2.90	2.57	2.19	1.98	1.88	2.05	1.94	1.78	1.88	1.72	
Total persons	56 120	11 087	13 050	17 083	8 742	6 158	32 342	5 437	7 150	9 038	6 276	4 441	
<b>UNITS IN STRUCTURE</b>													
1, detached or attached	16 876	3 000	3 055	4 992	3 288	2 541	4 139	391	531	809	1 435	973	
2	600	153	96	170	96	85	2 400	568	574	678	371	209	
3 and 4	232	53	44	70	30	35	2 151	384	467	662	379	259	
5 to 9	99	52	12	6	3	26	1 590	358	388	424	194	226	
10 to 49	46	25	2	5	9	5	2 850	569	522	1 049	231	479	
50 or more	—	—	—	—	—	—	1 106	66	391	468	157	24	
Mobile home or trailer, etc.	2 044	304	989	679	50	22	1 163	94	530	418	107	14	
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	19 890	3 580	4 198	5 922	3 476	2 714	15 395	2 430	3 403	4 508	2 874	2 180	
Steam or hot water system	995	46	33	465	229	222	1 146	22	139	309	223	453	
Central warm-air furnace or electric heat pump	14 948	2 639	3 507	4 836	2 480	1 486	11 211	1 963	2 790	3 633	1 801	1 024	
Other built-in electric units	1 209	594	354	174	59	28	906	384	311	136	40	35	
Floor, wall, or pipeless furnace	604	12	18	73	305	196	790	13	62	203	343	169	
Other means	2 134	289	286	374	403	782	1 342	48	101	227	467	499	
Air conditioning	16 293	3 118	3 776	5 061	2 809	1 529	11 285	2 256	3 145	3 726	1 403	755	
Central system	10 966	2 871	2 835	3 506	1 335	419	7 034	1 980	2 196	2 132	586	140	
1 or more individual room units	5 327	247	94	1 555	1 474	1 110	4 251	276	949	1 594	817	615	
House heating fuel	19 890	3 580	4 198	5 922	3 476	2 714	15 395	2 430	3 403	4 508	2 874	2 180	
Utility gas	12 364	370	2 181	4 708	2 973	2 132	10 564	382	2 204	3 702	2 460	1 816	
Bottled, tank, or LP gas	1 957	143	554	737	227	296	688	95	105	206	146	136	
Electricity	4 469	2 813	1 225	269	89	73	3 728	1 924	1 050	517	169	68	
Fuel oil, kerosene, etc.	117	8	17	20	54	18	102	8	22	23	34	15	
Other	983	246	221	188	133	195	313	21	22	60	65	145	
Income in 1979 below poverty level	1 009	70	114	259	217	349	4 059	451	893	1 253	863	599	
Percent below poverty level	5.1	2.0	2.7	4.4	6.2	12.9	26.4	18.6	26.2	27.8	30.0	27.4	
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	1 347	50	138	345	330	484	3 382	320	723	1 048	672	619	
\$5,000 to \$9,999	2 174	172	346	600	512	544	4 224	528	1 006	1 197	890	603	
\$10,000 to \$12,499	1 339	156	249	444	286	204	1 843	282	360	543	396	262	
\$12,500 to \$14,999	1 413	259	372	303	266	213	1 346	274	331	396	181	164	
\$15,000 to \$19,999	2 876	504	711	774	465	422	2 014	361	440	565	405	243	
\$20,000 to \$24,999	2 694	589	613	832	411	249	1 242	328	278	364	152	120	
\$25,000 to \$34,999	4 653	1 130	1 040	1 494	662	327	950	249	169	275	122	135	
\$35,000 to \$49,999	2 196	450	479	746	345	176	239	43	73	48	47	28	
\$50,000 or more	1 205	277	250	384	199	95	159	45	23	72	9	10	
Median	\$21 380	\$25 461	\$22 150	\$22 490	\$18 828	\$13 967	\$10 127	\$13 276	\$9 867	\$10 041	\$9 240	\$	

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	19 897	16 876	977	2 044	15 399	4 139	2 400	2 151	1 590	2 850	1 106	1 163
Condominium housing units	218	155	63	—	69	39	5	8	11	6	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	14 468	12 935	512	1 021	4 552	1 752	952	442	298	589	185	334
15 to 24 years	511	259	24	228	1 046	281	163	208	100	157	53	84
25 to 34 years	3 796	3 324	121	351	2 183	816	546	193	140	275	74	139
35 to 44 years	3 374	3 153	63	158	541	219	154	12	28	63	—	65
45 to 64 years	4 966	4 573	189	204	524	315	79	10	11	80	—	29
65 years and over	1 821	1 626	115	80	258	121	10	19	19	14	58	17
Male householder, no wife present	1 944	1 333	135	476	4 914	1 110	613	660	579	1 148	394	410
15 to 24 years	306	125	25	156	2 318	390	266	343	362	599	158	200
25 to 34 years	582	376	41	165	1 828	508	263	210	133	432	158	124
35 to 44 years	333	260	12	61	301	94	35	33	32	50	20	37
45 to 64 years	415	297	50	68	269	75	26	49	22	46	27	24
65 years and over	308	275	7	26	198	43	23	25	30	21	31	25
Female householder, no husband present	3 485	2 608	330	547	5 933	1 277	835	1 049	713	1 113	527	419
15 to 24 years	74	39	—	35	2 413	361	213	456	409	512	240	222
25 to 34 years	445	222	34	189	1 661	412	328	273	161	319	54	114
35 to 44 years	402	290	37	75	494	147	123	75	41	75	14	19
45 to 64 years	1 044	809	80	155	555	189	108	64	57	75	31	31
65 years and over	1 520	1 248	179	93	810	168	63	181	45	132	188	33
Median age	45.4	46.3	51.9	33.2	27.6	29.7	28.9	25.7	24.5	26.2	27.5	26.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 189	2 488	148	553	9 365	2 118	1 398	1 398	1 157	1 904	598	792
1975 to 1978	6 686	5 430	420	836	4 395	1 389	835	548	364	728	267	264
1970 to 1974	3 769	3 082	173	514	831	247	100	110	33	114	145	82
1960 to 1969	3 994	3 739	134	121	598	247	49	78	28	83	88	25
1959 or earlier	2 259	2 137	102	20	210	138	18	17	8	21	8	—
<b>ROOMS</b>												
1 room	38	21	—	17	506	30	12	28	101	181	149	5
2 rooms	61	40	—	21	1 078	87	65	136	172	333	222	63
3 rooms	412	230	40	142	2 783	284	288	537	373	855	251	195
4 rooms	2 665	1 466	203	996	5 858	1 348	781	1 033	669	999	395	633
5 rooms	4 670	3 768	274	628	2 719	1 036	570	260	205	358	74	216
6 rooms	4 017	3 670	170	177	1 507	724	481	103	63	87	34	34
7 or more rooms	8 034	7 681	290	63	948	630	203	54	7	37	17	17
Median	6.0	6.3	5.4	4.3	4.1	4.8	4.6	3.9	3.7	3.6	3.2	4.0
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	19 634	16 680	927	2 027	14 979	4 049	2 362	2 104	1 491	2 704	1 106	1 163
0.50 or less	14 033	11 976	722	1 335	10 190	2 699	1 681	1 563	989	1 911	616	731
0.51 to 1.00	5 360	4 530	205	625	4 334	1 216	617	490	445	735	475	356
1.01 to 1.50	182	131	—	51	365	116	52	41	51	38	—	67
1.51 or more	59	43	—	16	90	18	12	10	6	20	15	9
Locking complete plumbing for exclusive use	263	196	50	17	420	90	38	47	99	146	—	—
0.50 or less	155	120	26	9	179	55	33	24	31	36	—	—
0.51 to 1.00	95	68	19	8	217	35	5	23	54	100	—	—
1.01 to 1.50	13	8	5	—	14	—	—	—	14	—	—	—
1.51 or more	—	—	—	—	10	—	—	—	—	10	—	—
<b>BEDROOMS</b>												
None	38	21	—	17	627	57	12	34	112	209	191	12
1	701	507	44	150	4 249	620	425	689	584	1 337	437	157
2	5 018	3 384	354	1 280	7 319	1 860	1 138	1 177	763	1 107	412	862
3	9 602	8 614	402	586	2 558	1 237	664	186	108	177	66	120
4	3 556	3 427	118	11	545	320	129	51	23	10	—	12
5 or more	982	923	59	—	101	45	32	14	—	10	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	1 347	1 039	67	241	3 382	571	330	494	488	809	470	220
\$5,000 to \$9,999	2 174	1 577	154	443	4 224	1 016	495	726	561	733	291	402
\$10,000 to \$12,499	1 339	990	71	278	1 843	570	263	282	175	354	73	126
\$12,500 to \$14,999	1 413	1 029	103	281	1 346	424	191	247	102	180	75	127
\$15,000 to \$19,999	2 876	2 354	145	377	2 014	691	438	177	119	328	76	185
\$20,000 to \$24,999	2 694	2 334	144	216	1 242	462	350	106	59	163	39	63
\$25,000 to \$34,999	4 653	4 353	132	168	950	285	237	64	60	215	51	38
\$35,000 to \$49,999	2 196	2 050	111	35	239	67	67	36	19	50	—	—
\$50,000 or more	1 205	1 150	50	5	159	53	29	19	7	18	31	2
Median	\$21 380	\$22 970	\$17 923	\$13 034	\$10 127	\$12 116	\$13 966	\$8 912	\$7 567	\$9 226	\$6 199	\$9 520
Mean	\$24 138	\$25 429	\$22 780	\$14 132	\$12 285	\$14 141	\$15 156	\$10 902	\$9 595	\$11 407	\$9 694	\$10 607
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	19 890	16 869	977	2 044	15 395	4 139	2 400	2 151	1 590	2 846	1 106	1 163
Steam or hot water system	995	915	80	—	1 146	167	36	114	136	356	328	9
Central warm-air furnace or electric heat pump	14 948	12 441	731	1 776	11 211	2 660	1 869	1 640	1 195	2 167	679	1 001
Other built-in electric units	1 209	1 122	57	30	906	163	172	182	159	143	64	23
Floor, wall, or pipeless furnace	604	548	36	20	790	382	132	97	58	90	6	25
Other means	2 134	1 843	73	218	1 342	767	191	118	42	90	29	105
Air conditioning	16 293	13 882	807	1 604	11 285	2 300	1 831	1 534	1 235	2 353	1 075	957
Control system	10 966	9 754	579	633	7 034	1 042	1 405	1 132	849	1 719	537	350
Vehicles available	19 149	16 291	914	1 944	13 398	3 729	2 211	1 889	1 392	2 454	719	1 004
1	5 268	4 095	326	847	7 538	1 688	1 081	1 150	889	1 696	456	578
2 or more	13 881	12 196	588	1 097	5 860	2 041	1 130	739	503	758	263	426
House heating fuel	19 890	16 869	977	2 044	15 395	4 139	2 400	2 151	1 590	2 846	1 106	1 163
Utility gas	12 364	10 481	563	1 320	10 564	3 031	1 522	1 470	970	1 901	770	900
Bottled, tank, or LP gas	1 957	1 430	69	458	688	295	75	35	6	74	29	174
Electricity	4 469	4 035	285	149	3 728	575	768	631	586	844	243	81
Fuel oil, kerosene, etc.	117	101	11	5	102	35	7	5	—	—	55	—
Other	983	822	49	112	313	203	28	10	28	27	9	8
Water heating fuel	19 797	16 800	961	2 036	15 330	4 084	2 400	2 141	1 590	2 846	1 106	1 163
Utility gas	11 770	10 073	576	1 121	10 210	2 940	1 474	1 350	973	1 935	769	389
Bottled, tank, or LP gas	1 715	1 218	76	421	561	249	75	49	20	32	26	110
Electricity	6 231	5 453	298	480	4 522	887	851	742	597	873	288	284
Fuel oil, kerosene, etc.	12	5	—	7	30	8	—	—	—	6	16	—
Other	69	51	11	7	7	—	—	—	—	7	—	—
Family householder	15 962	14 021	631	1 310	6 360	2 320	1 258	718	446	799	233	586
With own children under 18 years	8 461	7 482	283	696	3 261	1 245	748	320	217	288	54	389
With own children under 6 years	3 435	2 964	97	374	1 893	653	435	179	163	193	24	246
Female householder, no husband present	1 170	845	106	219	1 470	476	288	237	133	110	25	201
With own children under 18 years	627	411	74	142	1 161	347	257	191	95	74	13	184
With own children under 6 years	100	34	12	54	523	135	94	95	45	30	—	124
Nonfamily householder	3 935	2 855										

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>19 897</b>	<b>3 354</b>	<b>6 619</b>	<b>3 888</b>	<b>3 801</b>	<b>1 493</b>	<b>527</b>	<b>163</b>	<b>52</b>	<b>2.50</b>	<b>56 120</b>
Nonrelatives present	848	—	448	197	80	49	43	25	6	2.45	2 558
<b>ROOMS</b>											
1 to 3 rooms	511	259	139	68	30	8	7	—	—	1.49	1 013
4 rooms	2 665	1 099	1 010	372	156	13	15	—	—	1.73	5 303
5 rooms	4 670	877	1 712	940	753	271	96	8	13	2.35	12 329
6 rooms	4 017	614	1 537	762	678	307	82	31	6	2.41	11 001
7 rooms	3 106	278	1 972	787	724	257	64	14	10	2.89	9 465
8 or more rooms	4 928	227	1 249	959	1 460	637	263	110	23	3.52	17 009
Median	6.0	4.9	5.8	6.2	6.9	7.1	7.5	8.1	7.2	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	19 634	3 233	6 544	3 861	3 783	1 479	519	163	52	2.51	55 577
1.00 or less	19 393	3 233	6 531	3 857	3 761	1 458	406	124	23	2.49	54 168
1.01 to 1.50	182	—	—	—	8	13	106	39	16	6.16	1 120
1.51 or more	59	—	13	4	14	8	7	—	13	4.39	289
Lacking complete plumbing for exclusive use	263	121	75	27	18	14	8	—	—	1.64	543
1.00 or less	250	121	75	27	10	14	3	—	—	1.55	481
1.01 to 1.50	13	—	—	—	8	—	5	—	—	4.31	62
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	16 876	2 460	5 587	3 310	3 483	1 359	472	153	52	2.62	48 712
2 or more	977	277	313	204	140	32	11	—	—	2.18	2 391
Mobile home or trailer, etc.	2 044	617	719	374	178	102	44	10	—	2.06	5 017
<b>VALUE</b>											
Specified owner-occupied housing units	13 732	1 998	4 491	2 672	2 931	1 078	396	120	46	2.64	39 322
Less than \$10,000	251	93	89	13	17	18	17	—	4	1.87	534
\$10,000 to \$19,999	916	301	311	91	110	60	25	7	11	2.00	2 424
\$20,000 to \$29,999	1 742	477	587	355	172	100	31	10	10	2.17	4 218
\$30,000 to \$39,999	2 433	426	846	462	427	184	54	28	6	2.43	6 716
\$40,000 to \$49,999	2 489	294	810	619	520	171	21	11	—	2.73	7 151
\$50,000 to \$59,999	2 066	166	709	418	559	134	64	16	—	2.88	6 021
\$60,000 to \$79,999	2 346	171	708	479	669	210	85	24	—	3.11	7 342
\$80,000 to \$99,999	788	40	234	117	231	108	44	14	—	3.51	2 537
\$100,000 to \$149,999	562	22	166	87	183	67	33	—	4	3.53	1 913
\$150,000 or more	139	8	31	31	43	26	—	—	—	3.48	466
Median	\$46 200	\$33 000	\$45 100	\$47 000	\$53 700	\$50 300	\$53 100	\$45 700	\$22 000	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	19 897	3 354	6 619	3 888	3 801	1 493	527	163	52	2.50	56 120
Median income	\$21 380	\$9 317	\$19 956	\$24 835	\$26 540	\$26 934	\$27 358	\$30 603	\$32 500	...	...
Median selected monthly owner costs as percentage of household income	16.7	23.7	14.4	15.2	17.9	16.2	16.2	16.8	13.8	...	...
With a mortgage	18.6	27.0	18.3	17.3	18.6	17.3	17.4	17.7	14.3	...	...
Not mortgaged	10.3	21.1	10—	10—	10—	10—	10—	10.0	10—	...	...
Income in 1979 below poverty level	1 009	514	248	84	108	20	28	3	4	1.48	...
Median income	\$3 301	\$2 620	\$3 709	\$4 022	\$4 500	\$5 000	\$6 023	\$8 750	\$8 750	...	...
Renter-occupied housing units	15 399	5 673	5 389	2 327	1 304	463	117	82	44	1.88	32 342
Nonrelatives present	3 735	—	2 208	929	432	138	28	—	—	2.35	9 873
<b>ROOMS</b>											
1 room	506	475	20	—	—	11	—	—	—	1.03	572
2 rooms	1 078	788	177	88	25	—	—	—	—	1.18	1 477
3 rooms	2 783	1 824	762	119	64	14	—	—	—	1.26	4 174
4 rooms	5 858	1 797	2 721	897	340	63	10	30	—	1.92	11 646
5 rooms	2 719	608	999	609	316	104	78	5	—	2.25	6 647
6 rooms	1 507	144	485	410	281	134	4	27	22	2.80	4 347
7 or more rooms	948	37	225	204	278	137	25	20	22	3.53	3 479
Median	4.1	3.4	4.1	4.6	5.2	5.8	5.1	5.7	6.5	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	14 979	5 392	5 329	2 265	1 299	451	117	82	44	1.89	31 701
1.00 or less	14 524	5 392	5 313	2 185	1 210	375	29	20	—	1.85	29 483
1.01 to 1.50	365	—	—	80	64	57	88	32	44	5.18	1 796
1.51 or more	90	—	16	—	25	19	—	30	—	4.71	422
Lacking complete plumbing for exclusive use	420	281	60	62	5	12	—	—	—	1.25	641
1.00 or less	396	281	56	54	5	—	—	—	—	1.20	554
1.01 to 1.50	14	—	—	8	—	6	—	—	—	3.38	51
1.51 or more	10	—	4	—	—	6	—	—	—	4.67	36
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	4 139	1 057	1 392	790	513	264	51	60	12	2.23	10 142
2	2 400	707	848	477	235	81	32	—	20	2.08	5 562
3 and 4	2 151	928	804	255	84	50	17	13	—	1.68	4 084
5 to 9	1 590	677	520	233	139	11	—	—	—	1.72	2 998
10 to 49	2 850	1 421	974	308	128	19	—	—	—	1.50	4 976
50 or more	1 106	531	384	104	87	—	—	—	—	1.56	2 056
Mobile home or trailer, etc.	1 163	352	457	160	118	38	17	9	12	2.00	2 524
<b>GROSS RENT</b>											
Specified renter-occupied housing units	14 711	5 525	5 159	2 190	1 179	423	117	74	44	1.85	30 890
Less than \$100	636	521	76	22	11	6	—	—	—	1.11	777
\$100 to \$149	1 397	825	340	127	66	7	4	18	10	1.35	2 375
\$150 to \$199	2 530	1 399	662	292	108	28	10	9	22	1.40	4 169
\$200 to \$249	3 530	1 414	1 515	309	178	57	47	10	—	1.73	6 619
\$250 to \$299	2 995	773	1 349	509	232	93	16	11	12	2.04	6 666
\$300 to \$349	1 619	331	636	394	189	53	5	11	—	2.25	4 010
\$350 to \$399	731	51	255	225	116	51	21	12	—	2.76	2 268
\$400 to \$449	691	40	168	248	169	56	10	—	—	3.05	2 271
\$500 or more	214	24	39	11	72	61	4	3	—	3.96	952
No cash rent	368	147	119	53	38	11	—	—	—	1.81	783
Median	\$237	\$198	\$248	\$279	\$295	\$314	\$247	\$250	\$192	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	15 399	5 673	5 389	2 327	1 304	463	117	82	44	1.88	32 342
Median income	\$10 127	\$6 860	\$11 456	\$12 946	\$14 071	\$16 399	\$15 234	\$13 810	\$15 417	...	...
Median gross rent as percentage of household income	27.2	31.0	24.7	26.7	26.1	24.9	22.8	21.3	17.0	...	...
Income in 1979 below poverty level	4 059	1 527	1 234	695	402	116	35	30	20	1.91	...
Median income	\$3 651	\$2500—	\$4 173	\$5 345	\$6 575	\$8 462	\$8 125	\$11 000	\$7 500	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	44.3	40.8	35.9	22.8	32.0	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see appendixes A and B.]

The SMSA	Married-couple families					Male householder, no wife present					Female householder, no husband present						
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Total	19 897	511	3 796	3 374	4 966	1 821	306	582	333	415	308	74	445	402	1 044	1 520	45.4
Owner-occupied housing units																	
PERSONS IN UNIT																	
1 person	3 354	—	907	313	2 264	1 591	163	411	193	270	259	34	145	99	586	1 194	60.6
2 persons	6 619	287	1 067	645	1 319	1 688	96	147	52	101	33	33	127	126	288	254	56.5
3 persons	3 888	156	1 416	1 330	653	783	39	10	8	65	29	10	7	44	85	51	41.5
4 persons	3 801	45	23	350	433	217	7	6	11	—	—	—	6	24	18	21	37.3
5 persons	1 493	72	56	405	2 67	2 07	1 44	1 21	12	1 38	1 27	1 09	—	—	—	—	39.8
6 or more persons	2 502	239	13 042	13 756	14 877	4 012	559	828	637	604	406	125	1 59	211	1 231	1 39	42.7
Total persons	56 120	1 490	—	—	—	—	—	—	—	—	—	1 006	1 041	1 006	1 808	1 929	... ...
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use	19 634	511	3 775	3 355	4 953	1 788	306	558	327	380	266	74	445	393	1 044	1 459	45.2
1.01 or more persons per room	241	—	29	114	63	14	—	—	5	10	—	—	—	—	6	—	43.1
Locking complete plumbing for exclusive use	263	—	21	19	—	—	—	24	6	35	42	—	—	9	—	—	65.6
1.01 or more persons per room	13	—	13	—	—	—	—	—	—	—	—	—	—	—	—	—	32.5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified owner-occupied housing units	13 732	223	2 873	2 549	3 599	1 256	98	316	211	203	197	33	194	275	673	1 032	45.4
With a mortgage	9 670	179	2 762	2 340	2 545	204	85	272	192	169	162	18	162	254	386	68	39.3
Less than 15 percent	3 272	13	501	535	95	50	51	50	56	49	48	4	—	35	65	—	46.0
15 to 19 percent	2 180	28	727	702	449	29	—	—	—	—	—	6	6	21	44	34	12
20 to 24 percent	1 895	43	736	439	289	23	4	42	45	31	31	10	—	19	97	—	37.5
25 to 29 percent	933	20	420	188	187	99	26	45	45	15	17	—	—	30	33	28	13
30 to 34 percent	563	22	190	106	83	—	—	31	10	7	2	12	54	113	47	12	35.8
35 percent or more	865	—	12	—	—	—	—	30	53	—	—	—	—	—	—	30	30
Not computed	18.6	26.4	44	111	21.0	17.6	9	26.9	24.2	19.1	18.5	42.0	50+	29.0	25.2	24.8	33.9
Median	4 062	77	176	143	795	1 054	1 052	13	44	19	163	34	15	32	287	964	66.2
Less than 10 percent	1 978	23	77	34	166	228	—	13	4	4	12	41	8	123	161	61.1	61.1
10 to 14 percent	716	16	21	3	50	165	—	—	—	—	13	34	—	—	174	66.9	66.9
15 to 19 percent	454	—	—	5	20	53	—	6	—	—	16	20	—	—	23	71.5	71.5
20 to 24 percent	289	—	—	24	—	24	—	—	—	2	2	14	7	7	14	143	73.1
25 to 29 percent	166	—	—	—	7	19	—	—	—	—	14	20	7	8	8	67	76.3
30 to 34 percent	116	—	—	—	16	30	—	9	—	—	21	—	—	2	25	49	69.0
35 percent or more	320	—	—	—	8	—	—	10	—	10	7	3	—	—	17	227	74.7
Not computed	252	—	10	—	10	—	—	10	—	10	6	18.7	10	—	14.1	18.1	66.8
Median	10.3	—	—	—	—	—	—	—	—	—	—	—	—	—	12.0	20.3	... ...
Renter-occupied housing units																	
PERSONS IN UNIT																	
1 person	5 673	—	1 011	112	—	—	983	1 126	222	180	181	945	817	817	360	741	28.5
2 persons	5 389	748	241	596	105	135	760	533	50	64	17	935	430	113	77	41	25.9
3 persons	3 327	33	416	67	166	164	156	353	101	27	11	—	347	103	57	17	26.9
4 persons	463	15	103	45	—	—	60	63	27	14	—	—	130	122	93	12	30.5
5 persons	243	9	57	54	16	—	6	7	—	—	—	—	52	42	19	16	— 32.4
6 or more persons	1 888	2 20	2 64	3 82	2 51	2 04	1 73	1 31	1 18	1 25	1 05	—	4	48	33	—	37.5
Total persons	32 342	6 371	2 020	1 410	546	546	4 514	2 771	401	404	225	4 729	3 227	1 380	1 014	901	... ...
PLUMBING FACILITIES BY PERSONS PER ROOM																	
Complete plumbing for exclusive use	15 399	1 046	2 183	541	524	258	2 318	1 828	301	269	198	2 413	1 661	494	555	810	27.6
1.01 or more persons per room	455	31	130	55	24	9	105	53	12	—	—	—	—	—	—	—	— 27.5
Locking complete plumbing for exclusive use	420	18	25	5	—	—	6	—	—	—	—	—	—	—	—	—	— 28.8
1.01 or more persons per room	24	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—	— 28.8
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																	
Specified renter-occupied housing units	14 711	999	1 985	504	439	209	2 284	1 730	277	263	192	2 395	1 616	494	547	777	27.4
Less than 15 percent	2 142	122	361	184	147	40	146	146	325	129	126	136	130	80	84	84	32.9
15 to 19 percent	2 246	206	527	81	77	59	272	339	67	122	119	126	126	64	84	85	28.6
20 to 24 percent	1 909	207	331	114	74	74	179	301	13	13	13	19	198	252	40	69	70
25 to 29 percent	1 685	279	279	47	20	18	200	154	30	21	21	35	233	81	62	95	27.7
30 to 34 percent	996	188	103	25	25	25	169	93	17	24	24	21	219	137	40	44	25.5
35 to 49 percent	1 973	135	34	34	37	37	329	111	17	11	11	21	277	82	83	148	23.9
50 percent or more	3 159	82	156	30	—	2	882	250	16	25	19	19	1 005	303	82	110	197
Not computed	601	31	58	12	70	22	107	39	5	24	23	50	25	14	60	60	30.4
Median	27.2	23.8	21.1	18.8	17.4	19.5	38.6	23.0	15.5	14.3	25.4	41.2	28.6	28.1	27.6	33.2	...

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Male householder						Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	3 354	1 296	163	411	193	270	259	2 058	34	145	99	586	1 194
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 233	1 218	163	396	187	242	230	2 015	34	145	99	586	1 151
Lacking complete plumbing for exclusive use	121	78	—	15	6	28	29	43	—	—	—	—	43
UNITS IN STRUCTURE													
1, detached or attached	2 460	884	52	260	155	191	226	1 576	14	83	69	423	987
2 or more	277	86	12	33	5	29	7	191	—	2	8	49	132
Mobile home or trailer, etc.	617	326	99	118	33	50	26	291	20	60	22	114	75
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	947	210	31	14	11	35	119	737	1	26	8	74	628
\$5,000 to \$9,999	839	230	40	77	12	45	56	609	27	49	27	216	290
\$10,000 to \$12,499	413	209	54	58	19	42	36	204	6	32	6	94	66
\$12,500 to \$14,999	300	138	19	81	16	10	12	162	—	15	5	62	80
\$15,000 to \$19,999	394	212	13	95	46	52	6	182	—	23	19	86	54
\$20,000 to \$24,999	169	93	—	25	31	24	13	76	—	—	26	27	23
\$25,000 to \$34,999	168	111	—	35	44	32	—	57	—	—	2	21	34
\$35,000 to \$49,999	50	32	—	7	—	14	11	18	—	—	6	—	12
\$50,000 or more	74	61	6	19	14	16	6	13	—	—	6	7	7
Median	\$9 317	\$12 488	\$10 486	\$14 244	\$19 464	\$15 170	\$5 673	\$7 226	\$8 690	\$9 811	\$15 673	\$10 080	\$4 844
Mean	\$12 196	\$16 298	\$10 975	\$18 366	\$23 787	\$17 612	\$9 416	\$9 612	\$8 479	\$9 761	\$15 551	\$12 281	\$7 825
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 998	665	31	217	111	133	173	1 333	14	76	69	350	824
With a mortgage	825	453	31	177	102	109	34	372	6	58	69	187	52
Less than \$200	111	68	2	26	14	9	17	43	—	2	6	15	20
\$200 to \$249	122	59	—	8	6	38	7	63	—	14	—	33	16
\$250 to \$299	114	53	23	15	7	8	—	61	—	13	13	28	7
\$300 to \$349	143	44	—	27	9	2	6	99	6	15	31	47	—
\$350 to \$399	138	86	—	45	12	25	4	52	—	5	5	33	9
\$400 to \$449	119	72	6	36	11	19	—	47	—	9	7	31	—
\$500 to \$599	52	45	—	14	29	2	—	7	—	7	—	—	—
\$600 to \$749	13	13	—	—	7	6	—	—	—	—	—	—	—
\$750 or more	13	13	—	6	7	—	—	—	—	—	—	—	—
Median	\$323	\$351	\$279	\$364	\$425	\$297	\$200	\$310	\$325	\$300	\$325	\$319	\$219
Not mortgaged	1 173	212	—	40	9	24	139	961	8	18	—	163	772
Less than \$50	37	29	—	7	4	9	9	8	—	—	—	—	8
\$50 to \$74	200	47	—	—	—	6	41	153	8	11	—	10	124
\$75 to \$99	351	52	—	12	5	7	28	299	—	—	—	57	242
\$100 to \$124	262	30	—	6	—	—	24	232	—	—	—	46	186
\$125 to \$149	190	42	—	9	—	2	31	148	—	—	—	21	127
\$150 to \$199	100	12	—	6	—	—	6	88	—	7	—	25	56
\$200 to \$249	12	—	—	—	—	—	—	12	—	—	—	—	12
\$250 or more	21	—	—	—	—	—	—	21	—	—	—	4	17
Median	\$100	\$89	—	\$104	\$77	\$63	\$92	\$102	\$63	\$70	—	\$108	\$102
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	23.7	22.9	28.4	27.3	19.4	18.8	21.9	24.0	10—	28.2	23.5	23.8	23.6
With a mortgage	27.0	24.9	28.4	28.7	20.2	20.8	42.0	30.8	50+	31.4	23.5	30.4	37.0
Not mortgaged	21.1	16.6	—	10—	10—	10.9	19.5	21.9	10—	14.1	—	17.3	22.9
Income in 1979 below poverty level	514	121	19	14	7	20	61	393	1	14	8	51	319
Percent below poverty level	15.3	9.3	11.7	3.4	3.6	7.4	23.6	19.1	2.9	9.7	8.1	8.7	26.7
Renter-occupied housing units	5 673	2 692	983	1 126	222	180	181	2 981	945	817	118	360	741
PLUMBING FACILITIES													
Complete plumbing for exclusive use	5 392	2 518	899	1 085	210	151	173	2 874	901	777	118	353	725
Lacking complete plumbing for exclusive use	281	174	84	41	12	29	8	107	44	40	—	7	16
UNITS IN STRUCTURE													
1, detached or attached	1 057	571	160	255	71	42	43	486	108	134	28	97	119
2	707	334	100	158	35	18	23	373	76	139	21	74	63
3 and 4	928	373	131	163	29	25	25	555	203	151	6	34	161
5 to 9	677	316	159	93	17	17	30	361	190	72	12	42	45
10 to 49	1 421	686	292	310	33	36	15	735	228	268	41	66	132
50 or more	531	190	37	89	6	27	31	341	88	40	—	25	188
Mobile home or trailer, etc.	352	222	104	58	31	15	14	130	52	13	10	22	33
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 106	876	511	214	5	44	102	1 230	463	155	5	102	505
\$5,000 to \$9,999	1 767	738	270	367	52	26	23	1 029	359	322	59	138	151
\$10,000 to \$12,499	628	318	64	181	24	31	18	310	91	146	6	53	14
\$12,500 to \$14,999	440	235	50	133	31	7	14	205	26	108	26	14	31
\$15,000 to \$19,999	326	214	74	90	38	—	12	112	6	56	22	23	5
\$20,000 to \$24,999	152	123	8	82	25	8	—	29	—	22	—	7	—
\$25,000 to \$34,999	164	132	6	45	41	28	12	32	—	8	—	16	8
\$35,000 to \$49,999	51	29	—	10	—	19	—	22	—	—	—	—	22
\$50,000 or more	39	27	—	4	6	17	—	12	—	—	—	7	5
Median	\$6 860	\$8 091	\$4 734	\$9 690	\$14 919	\$11 613	\$4 697	\$6 095	\$5 116	\$8 722	\$9 265	\$7 917	\$4 117
Mean	\$8 650	\$10 072	\$6 151	\$10 804	\$17 214	\$19 717	\$8 469	\$7 365	\$5 394	\$9 067	\$10 070	\$9 836	\$6 370
GROSS RENT													
Specified renter-occupied housing units	5 525	2 584	957	1 080	198	174	175	2 941	945	800	118	360	718
Less than \$100	521	148	42	28	9	25	44	373	52	22	—	25	274
\$100 to \$149	825	396	149	163	17	27	40	429	122	81	15	76	135
\$150 to \$199	1 399	696	308	264	52	41	31	703	296	201	22	68	116
\$200 to \$249	1 414	678	247	338	82	—	11	736	264	275	42	71	84
\$250 to \$299	773	345	144	143	—	38	20	428	166	107	33	74	48
\$300 to \$349	331	182	28	116	13	25	—	149	39	77	—	27	6
\$350 to \$399	51	24	6	6	12	—	—	27	—	27	—	—	—
\$400 to \$449	40	23	—	4	13	—	6	17	6	—	6	—	5
\$500 or more	24	15	—	15	—	—	—	9	—	4	—	5	—
No cash rent	147	77	33	3	—	18	23	70	—	6	—	14	50
Median	\$198	\$201	\$195	\$211	\$208	\$186	\$145	\$197	\$200	\$219	\$230	\$203	\$130
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	31.0	27.4	47.6	24.3	16.6	12.6	26.0	33.6	46.2	28.4	29.5	28.6	32.8
Income in 1979 below poverty level	1 527	656	425	147	5	36	43	871	338	125	—	91	317
Percent below poverty level	26.9	24.4	43.2	13.1	2.3	20.0	23.8	29.2	35.8	15.3	—	25.3	42.8

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months	The SMSA		Total	Less than 2 months	2 up to 6 months	6 or more months
					Vacant for sale only housing units	Vacant for rent housing units				
Vacant for sale only housing units	337	114	119	104			1 070	504	425	141
ROOMS					ROOMS					
1 to 3 rooms	11	9	—	2	1 room	32	25	—	—	7
4 rooms	47	16	12	19	2 rooms	50	27	23	35	—
5 rooms	60	24	16	20	3 rooms	227	95	97	35	—
6 rooms	70	18	31	21	4 rooms	359	174	139	46	—
7 rooms	101	33	38	30	5 rooms	273	111	128	34	—
8 or more rooms	48	14	22	12	6 rooms	59	32	21	6	—
Median	6.2	5.9	6.5	6.0	7 or more rooms	70	40	17	13	—
PLUMBING FACILITIES					Median	4.1	4.1	4.2	4.1	—
Complete plumbing for exclusive use	337	114	119	104	PLUMBING FACILITIES					
Lacking complete plumbing for exclusive use	—	—	—	—	Complete plumbing for exclusive use	1 052	504	425	123	—
BEDROOMS					Lacking complete plumbing for exclusive use	18	—	—	18	—
None	—	—	—	—	BEDROOMS					
1	18	9	—	9	None	36	29	—	7	—
2	91	16	42	33	1	314	150	114	50	—
3	197	75	77	45	2	469	203	220	46	—
4	31	14	—	17	3	205	91	86	28	—
5 or more	—	—	—	—	4	37	27	—	10	—
5 or more	—	—	—	—	5 or more	9	4	5	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT					
1975 to March 1980	139	48	59	32	1975 to March 1980	220	131	61	28	—
1970 to 1974	40	13	6	21	1970 to 1974	284	149	108	27	—
1960 to 1969	66	38	25	21	1960 to 1969	317	141	148	28	—
1950 to 1959	34	—	13	19	1950 to 1959	58	19	39	—	—
1940 to 1949	29	4	6	8	1940 to 1949	55	8	38	—	—
1939 or earlier	29	11	10	8	1939 or earlier	136	56	31	49	—
UNITS IN STRUCTURE					UNITS IN STRUCTURE					
1, detached or attached	267	72	110	85	1, detached or attached	239	75	110	54	—
2 or more	43	36	3	4	2	174	102	51	21	—
Mobile home or trailer	27	6	6	15	3 and 4	157	81	55	21	—
HEATING EQUIPMENT					5 to 9	41	14	27	—	—
Central heating system	316	114	116	86	10 to 49	224	144	59	21	—
Other means	21	—	3	18	50 or more	38	34	—	4	—
None	—	—	—	—	Mobile home or trailer	197	54	123	20	—
PRICE ASKED					RENT ASKED					
Specified vacant for sale only housing units	226	68	97	61	Specified vacant for rent housing units	1 057	504	415	138	—
Less than \$10,000	4	—	—	4	Less than \$100	129	68	26	35	—
\$10,000 to \$19,999	13	—	9	4	\$100 to \$149	147	41	82	24	—
\$20,000 to \$29,999	19	1	4	14	\$150 to \$199	305	108	165	32	—
\$30,000 to \$39,999	21	—	10	11	\$200 to \$249	215	134	56	25	—
\$40,000 to \$49,999	66	35	31	5	\$250 to \$299	182	96	64	22	—
\$50,000 to \$59,999	47	18	24	11	\$300 to \$399	67	45	22	—	—
\$60,000 to \$79,999	35	11	13	8	\$400 or more	12	12	—	—	—
\$80,000 to \$99,999	14	—	6	4	Median	\$185	\$210	\$173	\$167	—
\$100,000 or more	7	3	—	—						
Median	—	—	—	—						
	\$48 200	\$49 400	\$47 700	\$38 900						

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA	Price asked—Specified vacant for sole only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	226	4	32	87	96	7	48 200	1 057	129	452	397	67	12	185
PLUMBING FACILITIES														
Complete plumbing for exclusive use	226	4	32	87	96	7	48 200	1 042	119	447	397	67	12	187
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	15	10	5	—	—	—	86
BEDROOMS														
None	—	—	—	—	—	—	—	36	27	9	—	—	—	59
1	7	—	7	—	—	—	—	23 800	314	59	148	107	—	167
2	39	2	17	20	—	—	—	35 600	460	28	234	183	15	182
3	149	2	8	67	72	—	—	49 500	201	15	55	88	31	248
4	31	—	—	—	24	7	74 400	37	—	4	18	15	—	293
5 or more	—	—	—	—	—	—	—	—	9	—	2	1	6	—
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	313
YEAR STRUCTURE BUILT														
1975 to March 1980	101	—	3	33	58	7	57 300	220	42	56	82	40	—	217
1970 to 1974	32	—	23	9	—	—	44 200	284	16	166	102	—	—	172
1960 to 1969	38	—	1	19	18	—	44 700	307	15	136	156	—	—	201
1950 to 1959	32	—	24	—	8	—	23 600	58	17	32	9	—	—	150
1940 to 1949	3	—	—	3	—	—	47 500	55	7	25	15	8	—	164
1939 or earlier	20	4	4	9	3	—	37 500	133	32	37	33	19	12	186
UNITS IN STRUCTURE														
1, detached or attached	226	4	32	87	96	7	48 200	226	56	97	59	14	—	147
2 or more	...	...	...	...	...	...	...	634	73	187	309	53	12	213
Mobile home or trailer	...	...	...	...	...	...	...	197	—	168	29	—	—	162

Table B-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

## Columbia city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	7 920	58	427	914	1 345	1 309	1 203	1 593	565	389	117	49 300	54 700
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families -----	5 727	18	151	450	920	941	992	1 322	475	369	89	53 700	59 200
15 to 24 years -----	70	6	-	10	33	10	-	11	-	-	-	34 500	38 300
25 to 34 years -----	1 132	-	8	59	231	232	228	269	51	41	13	51 800	55 500
35 to 44 years -----	1 319	-	21	46	118	186	275	384	143	98	48	60 700	68 900
45 to 64 years -----	2 267	-	54	175	324	366	353	518	255	198	24	55 800	61 500
65 years and over -----	939	12	68	160	214	147	136	140	26	32	4	40 900	45 900
Male householder, no wife present -----	660	26	86	146	75	125	89	64	36	-	13	39 500	43 600
15 to 24 years -----	74	13	10	44	7	-	-	-	-	-	-	22 900	21 100
25 to 34 years -----	225	7	12	36	35	62	36	25	12	-	-	43 400	44 400
35 to 44 years -----	85	-	-	13	-	26	15	18	13	-	-	51 200	56 000
45 to 64 years -----	137	6	14	12	27	30	13	15	11	-	9	43 000	56 800
65 years and over -----	139	-	50	41	6	7	25	6	-	-	4	27 800	33 900
Female householder, no husband present -----	1 533	14	190	318	350	243	122	207	54	20	15	37 000	43 000
15 to 24 years -----	18	-	-	-	-	6	6	-	-	-	-	52 500	60 000
25 to 34 years -----	128	-	15	22	47	6	5	33	-	-	-	36 000	41 300
35 to 44 years -----	214	-	18	-	53	51	22	38	13	12	7	47 700	58 700
45 to 64 years -----	424	6	51	84	58	77	41	66	25	8	8	41 400	47 300
65 years and over -----	749	8	106	212	192	103	48	70	10	-	-	32 700	35 900
Median age -----	49.9	61.3	66.0	61.6	53.2	47.5	45.5	45.8	47.3	48.3	39.7	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 -----	947	19	25	96	148	162	141	205	74	57	20	51 800	56 600
1975 to 1978 -----	2 227	19	84	231	334	401	331	471	178	120	58	51 300	58 600
1970 to 1974 -----	1 432	-	53	112	203	222	223	421	108	67	23	56 400	59 400
1960 to 1969 -----	2 183	8	120	216	359	380	385	405	170	128	12	50 200	55 000
1959 or earlier -----	1 131	12	145	259	301	144	123	91	35	17	4	34 200	39 200
<b>ROOMS</b>													
1 to 3 rooms -----	59	6	31	7	11	4	-	-	-	-	-	18 100	22 000
4 rooms -----	668	39	169	232	115	56	37	5	6	9	-	24 800	28 400
5 rooms -----	1 440	8	142	385	553	229	55	48	14	6	-	33 300	34 400
6 rooms -----	1 504	5	72	189	363	324	286	197	47	21	-	43 100	45 400
7 rooms -----	1 417	-	8	81	174	401	251	396	63	43	-	51 600	55 500
8 or more rooms -----	2 832	-	5	20	129	295	574	947	435	310	117	67 300	76 500
Median -----	6.7	4.1	4.6	5.1	5.5	6.6	7.4	7.8	8.5+	8.5+	8.5+	...	...
<b>BEDROOMS</b>													
None -----	5	-	-	-	5	-	-	-	-	-	-	37 500	37 500
1 -----	189	6	56	53	30	31	13	-	-	-	-	24 900	29 300
2 -----	1 560	52	274	462	439	134	120	53	13	9	4	29 800	32 200
3 -----	3 551	-	91	335	669	884	582	730	135	118	7	47 600	51 400
4 -----	2 020	-	6	47	168	214	389	636	333	184	43	65 100	70 000
5 or more -----	595	-	-	17	34	46	99	174	84	78	63	73 800	89 800
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 -----	680	6	7	6	18	111	100	173	109	78	72	74 400	85 000
1970 to 1974 -----	884	11	6	22	131	96	125	288	96	92	17	62 000	67 900
1960 to 1969 -----	2 923	8	47	190	372	591	531	729	296	147	12	54 600	58 800
1950 to 1959 -----	1 466	13	56	168	392	257	314	206	14	42	4	43 200	47 000
1940 to 1949 -----	727	7	107	252	150	107	34	55	6	9	-	29 800	34 300
1939 or earlier -----	1 240	13	204	276	282	147	99	142	44	21	12	34 100	40 400
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 -----	512	13	123	176	110	42	20	22	6	-	-	26 400	29 600
\$5,000 to \$9,999 -----	745	29	107	189	174	121	72	41	7	5	-	31 900	34 600
\$10,000 to \$12,499 -----	407	-	72	90	79	95	31	25	-	15	-	34 900	38 400
\$12,500 to \$14,999 -----	422	-	33	88	130	73	19	59	9	-	-	36 400	42 100
\$15,000 to \$19,999 -----	954	11	41	121	296	197	133	103	36	9	7	40 300	45 200
\$20,000 to \$24,999 -----	922	-	12	72	219	214	196	161	28	13	7	47 000	50 800
\$25,000 to \$34,999 -----	2 125	5	39	130	270	433	456	601	126	57	8	53 700	56 100
\$35,000 to \$49,999 -----	1 159	-	42	67	101	214	367	217	121	30	65	67 100	74 400
\$50,000 or more -----	674	-	6	-	33	62	214	134	160	65	62	82 600	94 800
Median -----	\$24 989	\$6 739	\$9 122	\$12 557	\$17 532	\$22 813	\$27 859	\$31 486	\$38 913	\$45 349	\$51 845	...	...
Mean -----	\$27 081	\$10 455	\$10 641	\$15 506	\$18 368	\$23 026	\$28 814	\$34 014	\$39 345	\$57 563	\$58 518	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage -----	5 233	19	136	391	829	925	897	1 170	474	307	85	53 600	59 200
Less than 15 percent -----	2 008	11	40	123	285	356	354	499	178	142	20	54 500	59 800
15 to 19 percent -----	1 174	-	21	69	186	211	203	290	130	43	21	55 900	59 100
20 to 24 percent -----	864	-	18	70	202	170	160	133	71	40	-	48 100	53 400
25 to 29 percent -----	516	6	26	50	49	54	84	147	70	17	13	58 900	63 600
30 to 34 percent -----	248	-	24	46	46	54	49	44	6	8	17	60 000	64 300
35 percent or more -----	414	2	22	55	61	80	47	57	19	57	14	48 100	61 000
Not computed -----	9	-	9	-	-	-	-	-	-	-	-	18 800	18 800
Median -----	17.6	13.8	20.7	20.2	18.5	17.5	17.3	16.5	17.3	16.3	25.6	...	...
Not mortgaged -----	2 687	39	291	523	516	384	306	423	91	82	32	39 500	46 100
Less than 10 percent -----	1 351	18	98	185	230	199	202	247	68	76	28	47 500	53 600
10 to 14 percent -----	441	6	26	86	104	72	36	83	18	6	4	39 900	46 600
15 to 19 percent -----	319	-	67	69	47	44	34	58	-	-	-	33 700	38 500
20 to 24 percent -----	168	8	21	48	23	28	19	21	-	-	-	35 000	35 800
25 to 29 percent -----	78	-	30	9	18	4	5	7	5	-	-	26 300	33 400
30 to 34 percent -----	91	-	25	34	32	-	-	-	-	-	-	26 300	25 300
35 percent or more -----	224	7	24	77	62	37	10	7	-	-	-	30 700	32 100
Not computed -----	15	-	-	15	-	-	-	-	-	-	-	24 800	24 900
Median -----	10-	11.3	16.6	14.0	11.3	10-	10-	10-	10-	10-	10-	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use -----	7 899	58	414	906	1 345	1 309	1 203	1 593	565	389	117	49 400	54 800
1.01 or more persons per room -----	59	-	17	17	25	-	-	-	-	-	-	23 400	25 600
Lacking complete plumbing for exclusive use -----	21	-	13	8	-	-	-	-	-	-	-	19 100	17 900
1.01 or more persons per room -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Heating equipment -----	7 920	58	427	914	1 345	1 309	1 203	1 593	565	389	117	49 300	54 700
Central heating system -----	7 571	36	313	842	1 303	1 276	1 190	1 562	541	389	117	50 100	55 700
Air conditioning -----	7 034	49	202	687	1 112	1 206	1 136	1 571	565	389	117	52 100	57 800
Central system -----	5 147	6	50	220	565	905	949	1 442	537	366	107	58 700	64 900
Income in 1979 below poverty level -----	350	7	82	97	55	41	16	46	6	-	-	29 100	34 200
Percent below poverty level -----	4.4	12.1	19.2	10.6	4.1	3.1	1.3	2.9	1.1	-	-	...	...

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

## Columbia city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	11 545	539	1 205	1 977	2 689	2 434	1 204	564	527	177	229	237
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	2 747	18	213	335	707	593	402	187	153	39	100	254
15 to 24 years	611	—	36	83	243	136	79	19	—	—	15	238
25 to 34 years	1 378	5	102	153	321	364	182	123	92	12	24	263
35 to 44 years	300	—	—	41	111	36	39	5	43	13	12	247
45 to 64 years	290	4	23	30	21	38	77	40	11	5	41	306
65 years and over	168	9	52	28	11	19	25	—	7	9	8	176
Male householder, no wife present	4 032	155	411	780	856	823	452	192	213	90	60	236
15 to 24 years	2 005	48	168	368	356	440	253	135	146	58	33	255
25 to 34 years	1 442	28	174	292	388	303	144	45	36	32	—	226
35 to 44 years	235	9	17	51	82	19	25	12	20	—	—	222
45 to 64 years	226	28	43	44	13	41	30	—	5	—	22	183
65 years and over	124	42	9	25	17	20	—	—	5	—	5	164
Female householder, no husband present	4 766	366	581	862	1 126	1 018	350	185	161	48	69	227
15 to 24 years	2 025	66	197	381	468	542	160	68	104	39	—	241
25 to 34 years	1 259	34	110	261	363	256	112	73	28	4	18	232
35 to 44 years	373	9	59	34	114	65	32	23	24	—	13	235
45 to 64 years	472	33	69	89	106	102	40	21	—	5	7	218
65 years and over	637	224	146	97	75	53	6	—	5	—	31	134
Median age	27.1	65.5	28.8	26.8	26.8	25.8	26.9	26.9	25.7	24.6	44.6	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	7 010	163	579	1 223	1 597	1 646	856	404	352	136	54	247
1975 to 1978	3 316	156	361	514	865	672	298	142	158	41	109	234
1970 to 1974	649	119	131	124	171	76	23	—	5	—	—	179
1960 to 1969	461	97	120	87	37	27	19	11	12	—	51	144
1959 or earlier	109	4	14	29	19	13	8	7	—	—	15	200
ROOMS												
1 room	475	178	147	79	46	8	6	6	—	—	5	123
2 rooms	973	138	227	331	174	78	20	—	—	—	5	169
3 rooms	2 360	139	325	603	853	364	54	—	4	7	11	206
4 rooms	4 297	43	354	670	1 047	1 405	510	150	25	9	84	250
5 rooms	1 907	35	99	199	398	368	375	198	155	25	55	281
6 rooms	890	6	41	47	125	161	175	129	160	33	13	317
7 or more rooms	643	—	12	48	46	50	64	81	183	103	56	395
Median	4.0	2.2	3.2	3.5	3.8	4.0	4.5	5.1	6.0	6.8	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
AND POVERTY STATUS IN 1979												
All income levels in 1979	11 545	539	1 205	1 977	2 689	2 434	1 204	564	527	177	229	237
Complete plumbing for exclusive use	11 246	466	1 101	1 944	2 648	2 418	1 187	558	527	177	220	238
0.50 or less	7 595	310	684	1 409	1 833	1 731	777	316	284	83	168	236
0.51 to 1.00	3 308	151	360	448	710	634	384	235	243	91	52	247
1.01 to 1.50	278	5	40	67	100	46	10	7	—	3	—	211
1.51 or more	65	—	17	20	5	7	16	—	—	—	—	191
Locking complete plumbing for exclusive use	299	73	104	33	41	16	17	6	—	—	9	132
0.50 or less	111	—	51	15	33	8	—	—	—	—	4	154
0.51 to 1.00	164	63	45	18	8	8	17	—	—	—	5	109
1.01 to 1.50	14	—	8	—	—	—	—	6	—	—	—	139
1.51 or more	10	10	—	—	—	—	—	—	—	—	—	85
Income in 1979 below poverty level	3 520	288	530	492	733	652	362	199	123	69	72	231
Complete plumbing for exclusive use	3 320	242	455	471	717	636	345	199	123	69	63	234
1.01 or more persons per room	137	5	34	42	29	12	15	—	—	—	—	185
Locking complete plumbing for exclusive use	200	46	75	21	16	16	17	—	—	—	9	128
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	596	205	184	112	53	15	16	6	—	—	5	128
1	3 658	258	547	1 018	1 179	529	44	20	7	7	49	199
2	5 197	51	360	713	1 216	1 650	829	221	68	23	66	257
3	1 603	25	94	117	214	229	278	256	290	41	59	317
4	405	—	20	17	27	11	37	55	121	67	50	409
5 or more	86	—	—	—	—	—	—	6	41	39	—	290
UNITS IN STRUCTURE												
1, detached or attached	2 589	57	205	459	604	427	261	203	194	66	113	243
2	1 626	25	144	253	285	315	247	127	192	27	11	262
3 and 4	1 470	118	183	324	330	280	91	59	26	36	23	216
5 to 9	1 340	24	186	322	270	269	168	66	7	10	18	228
10 to 49	2 766	66	293	343	769	782	292	58	93	32	38	243
50 or more	1 106	249	102	100	213	250	132	51	9	—	—	229
Mobile home or trailer, etc.	648	—	92	176	218	111	13	—	6	6	26	208
YEAR STRUCTURE BUILT												
1975 to March 1980	1 427	10	38	145	215	318	342	156	160	25	18	297
1970 to 1974	2 334	181	101	303	718	542	261	68	74	47	39	240
1960 to 1969	3 715	151	390	582	973	1 020	288	142	115	10	44	237
1950 to 1959	1 463	56	174	374	356	181	125	67	62	17	51	216
1940 to 1949	960	38	168	201	161	153	95	73	43	22	6	218
1939 or earlier	1 646	103	334	372	266	220	93	58	73	56	71	198
STORIES IN STRUCTURE												
1 to 3	10 557	250	1 039	1 858	2 505	2 356	1 102	528	527	177	215	241
4 or more	988	289	166	119	184	78	102	36	—	—	14	163
With elevator	759	259	78	68	153	70	95	36	—	—	—	186
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	1 564	128	226	297	335	341	157	24	52	4	—	219
15 to 19 percent	1 615	73	196	292	362	325	161	83	98	25	—	234
20 to 24 percent	1 504	70	146	266	415	274	181	61	67	24	—	234
25 to 29 percent	1 235	85	89	250	285	303	80	68	70	5	—	233
30 to 34 percent	801	23	104	139	206	133	97	68	15	16	—	226
35 to 49 percent	1 671	83	131	262	399	409	196	62	74	55	—	246
50 percent or more	2 714	44	289	450	649	586	305	196	151	44	—	245
Not computed	441	33	24	21	38	63	27	2	—	4	229	235
Median	28.5	23.7	26.3	27.5	28.7	29.1	30.5	33.3	28.3	38.0	—	—
SELECTED CHARACTERISTICS												
Heating equipment	11 541	539	1 205	1 977	2 689	2 434	1 204	564	527	177	225	237
Central heating system	10 848	485	1 074	1 778	2 545	2 344	1 188	539	506	177	212	240
Air conditioning	8 516	301	508	1 227	2 198	2 043	1 045	483	429	165	177	249
Central system	5 161	30	147	480	1 206	1 528	853	366	375	81	95	271

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Columbia city	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Owner-occupied housing units	9 787	639	1 045	621	622	1 201	1 176	2 379	1 302	802	23 137	26 156	
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	6 728	105	360	282	333	833	891	2 033	1 177	714	27 500	30 772	103	
15 to 24 years	203	—	59	22	16	62	39	5	—	—	15 216	14 789	—	
25 to 34 years	1 330	7	33	32	72	286	282	424	140	54	23 996	25 778	7	
35 to 44 years	1 461	12	11	20	36	116	205	564	318	179	30 586	33 879	18	
45 to 64 years	2 605	28	48	61	109	207	285	821	627	419	31 626	36 326	34	
65 years and over	1 129	58	209	147	100	162	80	219	92	62	16 435	22 690	44	
Male householder, no wife present	985	124	136	152	88	96	97	168	70	54	14 787	20 004	74	
15 to 24 years	143	23	41	29	19	4	—	12	15	—	10 647	13 786	15	
25 to 34 years	308	9	55	48	47	45	14	62	9	19	14 734	21 838	14	
35 to 44 years	132	16	6	12	4	6	24	43	7	14	24 737	24 688	6	
45 to 64 years	237	6	14	27	8	35	52	45	35	15	23 105	25 160	—	
65 years and over	165	70	20	36	10	6	7	6	4	6	7 232	10 814	39	
Female householder, no husband present	2 074	410	549	187	201	272	188	178	55	34	11 043	14 103	281	
15 to 24 years	34	6	16	—	6	6	—	—	—	—	7 500	11 410	12	
25 to 34 years	204	22	67	34	20	19	10	32	—	—	10 956	13 437	53	
35 to 44 years	273	—	36	38	36	43	80	14	19	7	16 840	19 494	—	
45 to 64 years	563	27	156	57	80	107	34	73	15	14	13 797	17 458	19	
65 years and over	1 000	355	274	58	65	97	58	59	21	13	6 888	10 970	197	
Median age	49.6	72.7	63.7	58.4	54.7	46.0	42.6	45.7	48.1	49.5	...	...	69.2	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	1 324	53	151	91	75	158	227	321	138	110	22 481	25 312	57	
1975 to 1979	2 935	117	255	168	224	486	356	702	375	252	22 914	26 855	138	
1970 to 1974	1 786	55	147	100	119	163	247	504	294	157	26 240	28 145	33	
1960 to 1969	2 420	154	216	139	109	249	243	648	434	228	26 344	29 257	82	
1959 or earlier	1 322	260	276	123	95	145	103	204	61	55	12 553	17 083	148	
<b>SELECTED CHARACTERISTICS</b>														
Complete plumbing for exclusive use	9 747	616	1 039	621	616	1 201	1 171	2 379	1 302	802	23 228	26 232	443	
1.01 or more persons per room	78	—	—	13	—	13	30	22	—	—	22 639	22 007	—	
Lacking complete plumbing for exclusive use	40	23	6	—	6	—	5	—	—	—	4 063	7 471	15	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	
Heating equipment	9 787	639	1 045	621	622	1 201	1 176	2 379	1 302	802	23 137	26 156	458	
Central heating system	9 384	525	995	584	600	1 154	1 141	2 314	1 275	796	23 549	26 591	386	
Air conditioning	8 622	438	789	461	558	1 028	1 052	2 253	1 271	772	24 926	27 566	300	
Central system	6 122	95	339	212	288	639	810	1 904	1 100	735	28 509	31 938	88	
Vehicles available	9 322	409	886	602	604	1 177	1 161	2 379	1 302	802	24 170	27 123	335	
1	3 017	303	573	391	329	373	370	389	197	92	14 335	17 960	184	
2 or more	6 305	106	313	211	275	804	791	1 990	1 105	710	28 026	31 508	151	
House heating fuel	9 787	639	1 045	621	622	1 201	1 176	2 379	1 302	802	23 137	26 156	458	
Utility gas	8 280	625	1 000	536	515	1 076	988	1 893	1 036	611	21 823	25 054	449	
Bottled, tank, or LP gas	77	5	15	7	4	7	—	12	20	7	30 163	24 842	—	
Electricity	47	—	5	11	8	—	11	—	6	6	14 844	22 098	—	
Fuel oil, kerosene, etc.	82	—	—	—	—	13	14	36	13	6	26 944	30 337	—	
Other	6.5	4.9	5.0	5.3	5.3	5.9	6.6	7.0	8.0	8.5+	...	...	5.1	
Median rooms	7 920	512	745	407	422	954	922	2 125	1 159	674	24 989	27 081	350	
Specified owner-occupied housing units	7 920	512	745	407	422	954	922	2 125	1 159	674	24 989	27 081	350	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>														
With a mortgage	5 233	110	221	199	232	650	760	1 625	953	483	27 405	29 812	104	
Less than \$200	309	32	79	27	24	73	21	47	6	—	14 219	14 974	18	
\$200 to \$249	588	13	18	39	42	96	123	153	78	26	22 917	25 003	7	
\$250 to \$299	829	7	36	53	51	159	108	231	159	25	24 707	26 057	—	
\$300 to \$349	734	32	37	25	29	104	137	222	70	78	24 909	27 664	36	
\$350 to \$399	664	—	34	22	49	71	141	215	96	36	25 507	26 809	—	
\$400 to \$449	887	6	5	19	19	91	131	333	223	60	29 583	32 611	12	
\$500 to \$599	552	14	7	7	—	22	70	219	135	78	30 767	35 424	14	
\$600 to \$749	407	—	—	—	18	25	22	185	72	85	31 581	36 086	11	
\$750 or more	263	6	5	7	—	9	7	20	114	95	39 586	52 478	6	
Median	362	\$305	\$269	\$282	\$299	\$299	\$347	\$387	\$430	\$521	...	...	\$338	
Not mortgaged	2 687	402	524	208	190	304	162	500	206	191	15 307	21 763	246	
Less than \$50	54	19	23	5	—	7	—	—	—	—	6 333	7 345	15	
\$50 to \$74	194	59	78	20	20	5	12	—	—	—	8 182	8 915	15	
\$75 to \$99	499	79	152	67	50	40	24	73	14	—	10 690	13 685	57	
\$100 to \$124	564	119	121	37	32	106	11	117	10	11	12 891	16 294	44	
\$125 to \$149	499	85	92	29	36	45	54	100	46	12	16 103	18 941	76	
\$150 to \$199	569	24	51	44	43	82	29	135	93	68	26 691	28 868	27	
\$200 to \$249	187	12	7	6	4	13	21	40	25	59	33 047	38 773	12	
\$250 or more	121	5	—	—	5	6	11	35	18	41	34 469	59 545	—	
Median	\$127	\$109	\$102	\$108	\$120	\$124	\$141	\$140	\$168	\$204	...	...	\$120	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
With a mortgage	5 233	110	221	199	232	650	760	1 625	953	483	27 405	29 812	104	
Less than 15 percent	2 008	—	—	18	99	196	719	606	370	34 496	39 185	—		
15 to 19 percent	1 174	—	8	6	21	177	205	445	206	106	28 125	31 087	—	
20 to 24 percent	864	—	24	48	73	197	217	245	53	7	21 860	22 973	4	
25 to 29 percent	516	—	52	36	34	50	106	182	56	—	24 123	23 342	11	
30 to 34 percent	248	—	12	54	34	80	24	27	17	—	16 154	18 208	6	
35 percent or more	414	101	125	55	52	47	12	7	15	—	9 331	10 666	74	
Not computed	9	9	—	—	—	—	—	—	—	—	2500	—	9	
Median	17.6	50+	37.6	30.9	25.6	21.2	19.5	16.1	13.0	10—	...	...	50+	
Not mortgaged	2 687	402	524	208	190	304	162	500	206	191	15 307	21 763	246	
Less than 10 percent	1 351	—	52	56	83	192	118	459	200	191	28 470	34 153	—	
10 to 14 percent	441	10	100	89	76	93	33	34	6	—	13 207	14 748	—	
15 to 19 percent	319	31	175	50	26	19	11	7	—	—	8 125	9 719	21	
20 to 24 percent	168	49	106	13	—	—	—	—	—	—	6 750	6 680	5	
25 to 29 percent	78	41	32	—	5	—	—	—	—	—	4 878	5 661	35	
30 to 34 percent	91	56	35	—	—	—	—	—	—	—	4 531	4 787	8	
35 percent or more	224	208	16	—	—	—	—	—	—	—	3 065	2 921	170	
Not computed	15	7	8	—	—	—	—	—	—	—	7 656	5 259	7	
Median	10—	36.2	18.0	12.7	10.8	10—	10—	10—	10—	10—	...	...	45.3	

Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Columbia city	Household income in 1979													Income in 1979 below poverty level					
	Total	Less than \$5,000		\$5,000 to \$9,999		\$10,000 to \$12,499		\$12,500 to \$14,999		\$15,000 to \$19,999		\$20,000 to \$24,999		\$25,000 to \$34,999		\$35,000 to \$49,999		Median (dollars)	Mean (dollars)
		11 665	2 880	3 345	1 395	936	1 379	713	703	186	128	9 370	11 676	3 526					
<b>Renter-occupied housing units</b>																			
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>																			
Married-couple families	2 791	184	526	387	285	594	390	310	82	33	15 102	16 426	272						
15 to 24 years	617	46	182	76	112	129	36	30	6	—	12 600	13 036	51						
25 to 34 years	1 407	95	230	219	109	331	228	164	24	7	15 743	16 275	175						
35 to 44 years	300	13	42	20	24	47	65	55	14	20	20 769	21 459	23						
45 to 64 years	299	23	12	56	6	59	49	61	27	6	17 431	20 577	23						
65 years and over	168	7	60	16	34	28	12	—	—	11	12 574	13 755	—						
Male householder, no wife present	4 080	1 100	1 158	430	328	440	216	263	62	83	9 044	11 992	1 422						
15 to 24 years	2 008	699	629	205	122	154	81	64	19	35	7 582	9 928	1 046						
25 to 34 years	1 459	264	412	176	152	222	117	107	5	4	10 760	12 063	270						
35 to 44 years	251	21	49	18	22	37	12	56	14	22	17 663	22 140	21						
45 to 64 years	232	47	56	26	18	9	6	24	24	22	11 250	19 677	51						
65 years and over	130	69	12	5	14	18	—	—	—	—	4 839	9 773	34						
Female householder, no husband present	4 794	1 596	1 661	578	323	345	107	130	42	12	7 149	8 643	1 832						
15 to 24 years	2 025	803	696	215	118	121	40	32	—	—	6 290	7 356	1 022						
25 to 34 years	1 270	222	511	204	103	122	42	54	12	—	8 828	10 107	334						
35 to 44 years	373	40	145	69	42	61	6	10	—	—	10 054	10 543	72						
45 to 64 years	472	117	168	73	18	36	19	26	8	7	8 750	11 084	126						
65 years and over	654	414	141	17	42	5	—	8	22	5	4 234	6 935	278						
Median age	27.2	24.6	26.1	27.6	27.3	28.0	28.6	32.1	44.2	38.6	...	...	24.1						
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>																			
1979 to March 1980	7 085	1 756	2 237	925	470	735	408	403	74	77	8 894	11 159	2 398						
1975 to 1978	3 350	694	835	408	316	524	226	225	76	46	10 895	12 965	795						
1970 to 1974	655	186	152	52	127	39	54	22	18	5	9 691	11 304	151						
1960 to 1969	466	207	93	7	23	76	25	17	18	—	6 204	10 408	146						
1959 or earlier	109	37	28	3	—	5	—	36	—	—	7 981	13 328	36						
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																			
Complete plumbing for exclusive use	11 366	2 698	3 269	1 373	936	1 373	704	699	186	128	9 529	11 845	3 326						
0.50 or less	7 688	2 003	2 199	923	671	792	407	447	123	123	9 160	11 603	2 017						
0.51 to 1.00	3 335	624	986	403	232	536	285	205	59	5	10 357	12 311	1 172						
1.01 to 1.50	278	54	53	30	33	45	12	47	4	—	12 652	14 017	105						
1.51 or more	65	17	31	17	—	—	—	—	—	—	8 062	7 357	32						
Lacking complete plumbing for exclusive use	299	182	76	22	—	6	9	4	—	—	2 917	5 257	200						
0.50 or less	111	72	22	8	—	—	9	—	—	—	—	3 527	5 657	73					
0.51 to 1.00	164	110	40	14	—	—	—	—	—	—	—	2500	3 658	127					
1.01 to 1.50	14	—	8	—	—	6	—	—	—	—	—	9 688	11 305	—					
1.51 or more	10	—	6	—	—	—	—	4	—	—	—	9 583	18 566	—					
<b>SELECTED CHARACTERISTICS</b>																			
Heating equipment	11 661	2 876	3 345	1 395	936	1 379	713	703	186	128	9 373	11 680	3 522						
Central heating system	10 968	2 687	3 125	1 296	900	1 299	688	672	180	121	9 436	11 762	3 309						
Air conditioning	8 621	1 906	2 297	1 048	741	1 132	605	588	186	118	10 256	12 627	2 422						
Central system	5 212	991	1 384	526	519	697	427	425	130	113	11 098	13 703	1 488						
Vehicles available	9 916	1 882	2 816	1 325	881	1 341	680	697	172	122	10 491	12 708	2 603						
1	6 005	1 417	2 011	829	495	616	260	303	42	32	8 831	10 399	1 511						
2 or more	3 911	465	805	496	386	725	420	394	130	90	13 727	16 253	1 092						
House heating fuel	11 661	2 876	3 345	1 395	936	1 379	713	703	186	128	9 373	11 680	3 522						
Utility gas	8 979	2 285	2 580	1 094	704	1 036	535	513	150	82	9 229	11 522	2 731						
Bottled, tank, or LP gas	211	75	50	12	10	18	23	17	6	—	6 525	10 924	79						
Electricity	2 317	484	649	256	206	318	155	173	30	46	10 249	12 593	670						
Fuel oil, kerosene, etc.	65	32	20	13	—	—	—	—	—	—	5 250	6 253	16						
Other	89	—	46	20	16	7	—	—	—	—	—	9 688	9 631	26					
Median rooms	4.0	3.5	3.8	4.1	4.1	4.3	4.5	4.6	4.9	4.4	...	...	3.9						
Specified renter-occupied housing units	11 545	2 869	3 324	1 377	914	1 371	708	677	177	128	9 322	11 612	3 520						
<b>CONTRACT RENT</b>																			
Less than \$100	1 346	731	365	120	73	53	—	4	—	—	4 680	5 857	698						
\$100 to \$149	1 948	498	767	209	99	190	76	81	18	10	7 939	9 890	477						
\$150 to \$199	3 069	689	1 033	413	257	381	168	106	14	8	9 011	10 295	782						
\$200 to \$249	2 671	546	584	407	285	422	211	156	41	19	11 262	12 685	677						
\$250 to \$299	1 321	200	309	160	86	177	117	173	47	52	12 367	16 376	418						
\$300 to \$349	537	86	139	29	24	76	72	85	20	6	14 010	15 561	232						
\$350 to \$399	236	32	52	9	26	40	16	28	12	21	14 904	20 498	86						
\$400 to \$449	160	18	4	18	33	13	21	38	15	—	18 333	20 002	60						
\$500 or more	28	6	12	5	—	—	—	5	—	9 167	13 002	18							
No cash rent	229	63	59	7	31	19	27	6	5	12	9 148	13 310	72						
Median	\$187	\$160	\$174	\$190	\$202	\$206	\$227	\$244	\$260	\$269	...	...	...	\$184					
<b>GROSS RENT</b>																			
Less than \$100	539	408	101	19	7	—	—	4	—	—	3 703	4 240	288						
\$100 to \$149	1 205	492	428	133	68	54	13	10	7	10	5 969	6 951	530						
\$150 to \$199	1 977	532	799	225	113	193	48	46	11	10	7 927	9 243	492						
\$200 to \$249	2 689	596	798	401	269	361	152	100	12	—	9 613	10 523	733						
\$250 to \$299	2 434	437	647	327	222	332	209	167	59	34	11 017	13 375	652						
\$300 to \$349	1 204	206	241	174	56	211	126	140	11	39	12 227	15 306	362						
\$350 to \$399	564	66	147	41	68	109	49	60	12	12	13 529	15 021	199						
\$400 to \$449	527	54	88	36	47	74	56	120	31	21	18 521	20 340	123						
\$500 or more	177	15	16																

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## Columbia city

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	5 233	309	588	829	734	664	887	552	407	263	362
<b>PERSONS IN UNIT</b>											
1 person -----	492	65	66	82	92	87	54	27	6	13	318
2 persons -----	1 574	152	201	322	212	206	248	111	101	21	326
3 persons -----	1 082	41	182	182	112	122	178	106	120	39	360
4 persons -----	1 296	47	82	159	204	137	269	159	126	113	406
5 persons -----	496	4	33	60	76	73	78	99	21	52	402
6 persons -----	201	—	18	8	20	32	35	39	24	25	465
7 persons -----	65	—	—	6	18	7	25	—	9	—	453
8 or more persons -----	27	—	6	10	—	—	—	11	—	—	288
Median -----	3.01	2.09	2.65	2.56	3.06	2.82	3.29	3.70	3.30	4.02	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
Married-couple families -----	4 172	165	434	653	602	497	748	496	358	219	373
15 to 24 years -----	49	—	—	11	10	22	6	—	—	—	358
25 to 34 years -----	1 105	22	49	107	134	171	246	187	132	57	429
35 to 44 years -----	1 214	13	124	167	157	88	233	165	162	105	422
45 to 64 years -----	1 660	81	249	324	275	211	255	144	64	57	332
65 years and over -----	144	49	12	44	26	5	8	—	—	—	263
Male householder, no wife present -----	479	85	82	68	43	76	60	26	17	22	305
15 to 24 years -----	61	26	—	31	4	—	—	—	—	—	257
25 to 34 years -----	189	31	26	15	27	22	37	20	5	6	342
35 to 44 years -----	81	—	6	7	—	31	18	6	6	7	394
45 to 64 years -----	119	16	43	15	6	19	5	—	6	9	252
65 years and over -----	29	12	7	6	4	—	—	—	—	—	218
Female householder, no husband present -----	582	59	72	108	89	91	79	30	32	22	329
15 to 24 years -----	18	—	—	—	6	6	—	—	—	6	375
25 to 34 years -----	110	7	22	14	25	5	17	9	11	—	324
35 to 44 years -----	200	12	10	43	25	24	39	14	21	12	371
45 to 64 years -----	212	27	27	44	33	47	23	7	—	4	312
65 years and over -----	42	13	13	7	9	—	—	—	—	—	231
Median age -----	42.0	55.2	47.3	45.9	43.7	42.5	38.8	38.9	37.3	38.9	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	794	20	40	64	88	83	102	139	169	89	500
1975 to 1978 -----	1 875	94	108	185	198	270	415	270	200	135	417
1970 to 1974 -----	1 120	23	94	215	231	165	241	92	33	26	349
1960 to 1969 -----	1 333	127	322	351	201	139	129	46	5	13	281
1959 or earlier -----	111	45	24	14	16	7	—	5	—	—	222
<b>ROOMS</b>											
1 to 3 rooms -----	24	18	—	—	6	—	—	—	—	—	177
4 rooms -----	234	76	44	51	31	5	18	—	9	—	247
5 rooms -----	761	86	160	158	157	91	57	24	22	6	293
6 rooms -----	897	82	140	168	98	134	129	90	50	6	330
7 rooms -----	1 040	20	144	170	147	179	177	86	87	30	361
8 or more rooms -----	2 277	27	100	282	295	255	506	352	239	221	435
Median -----	7.2	5.2	6.1	6.7	7.0	7.1	7.8	8.1	7.8	8.5+	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	593	6	—	—	25	41	128	95	192	106	601
1970 to 1974 -----	702	28	16	41	104	57	169	142	61	84	458
1960 to 1969 -----	2 220	67	220	424	397	355	416	218	90	33	350
1950 to 1959 -----	877	107	182	163	103	136	112	41	22	11	296
1940 to 1949 -----	323	51	62	92	37	25	26	12	12	6	276
1939 or earlier -----	518	50	108	109	68	50	36	44	30	23	296
<b>VALUE</b>											
Less than \$10,000 -----	19	19	—	—	—	—	—	—	—	—	163
\$10,000 to \$19,999 -----	136	85	28	5	10	8	—	—	—	—	188
\$20,000 to \$29,999 -----	391	53	104	143	62	14	10	5	—	—	263
\$30,000 to \$39,999 -----	829	93	185	158	166	133	75	19	—	—	293
\$40,000 to \$49,999 -----	925	43	143	217	124	172	150	39	28	6	324
\$50,000 to \$59,999 -----	897	—	89	175	126	127	192	134	48	9	373
\$60,000 to \$79,999 -----	1 170	16	39	78	218	141	289	195	182	12	431
\$80,000 to \$99,999 -----	474	—	—	38	20	51	94	125	66	80	527
\$100,000 to \$149,999 -----	307	—	—	15	8	22	69	35	61	97	611
\$150,000 or more -----	85	—	—	—	4	—	—	—	22	59	750+
Median -----	\$53 600	\$29 800	\$39 000	\$44 600	\$50 400	\$51 000	\$60 400	\$66 600	\$76 600	\$109 100	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	2 008	160	411	467	341	203	231	128	45	22	296
15 to 19 percent -----	1 174	25	74	169	160	162	325	108	85	66	399
20 to 24 percent -----	864	45	60	92	100	174	148	149	58	38	389
25 to 29 percent -----	516	45	19	29	39	20	63	110	136	55	539
30 to 34 percent -----	248	—	—	41	25	34	71	16	35	26	432
35 percent or more -----	414	25	24	31	69	71	49	41	48	56	391
Not computed -----	9	9	—	—	—	—	—	—	—	—	175
Median -----	17.6	14.4	12.6	14.0	15.8	19.0	18.3	21.3	25.6	25.5	...
<b>SELECTED CHARACTERISTICS</b>											
Heating equipment -----	5 233	309	588	829	734	664	887	552	407	263	362
Steam or hot water system -----	209	17	5	32	12	35	29	28	28	23	435
Central warm-air furnace or electric heat pump -----	4 638	238	505	730	690	592	836	487	337	223	363
Other built-in electric units -----	123	—	15	17	5	16	17	11	25	17	442
Floor, wall, or pipeless furnace -----	91	25	12	28	10	16	—	—	—	—	265
Other means -----	172	29	51	22	17	5	5	26	17	—	264
Air conditioning -----	4 804	226	497	724	633	639	876	547	399	263	375
Central system -----	3 772	103	267	466	553	482	780	497	373	251	402
1 or more individual room units -----	1 032	123	230	258	80	157	96	50	26	12	282
House heating fuel -----	5 233	309	588	829	734	664	887	552	407	263	362
Utility gas -----	34	—	—	—	—	7	7	5	8	5	543
Bottled, tank, or LP gas -----	815	19	15	35	39	76	171	146	196	118	536
Electricity -----	8	—	—	—	8	—	—	—	—	—	325
Fuel oil, kerosene, etc. -----	75	6	15	—	6	5	—	26	17	—	521

Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Columbia city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	2 687	54	194	499	564	499	569	187	121	127
PERSONS IN UNIT										
1 person -----	824	33	130	213	194	145	76	12	21	105
2 persons -----	1 286	21	42	252	299	247	296	106	23	128
3 persons -----	315	—	22	26	60	31	107	31	38	159
4 persons -----	130	—	—	—	11	46	31	22	20	163
5 persons -----	89	—	—	3	—	15	36	16	19	187
6 persons -----	29	—	—	5	—	15	9	—	—	141
7 persons -----	14	—	—	—	—	—	14	—	—	175
8 or more persons -----	—	—	—	—	—	—	—	—	—	—
Median -----	1.90	1.32	1.25	1.64	1.79	1.92	2.20	2.27	2.93	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	1 555	8	57	264	304	306	353	168	95	137
15 to 24 years -----	21	—	10	—	—	—	—	—	11	250+
25 to 34 years -----	27	—	—	—	6	8	13	—	—	148
35 to 44 years -----	105	—	—	5	11	24	42	13	10	165
45 to 64 years -----	607	—	14	55	90	129	175	93	51	154
65 years and over -----	795	8	33	204	197	145	123	62	23	119
Male householder, no wife present -----	181	38	41	18	23	34	27	—	—	91
15 to 24 years -----	13	13	—	—	—	—	—	—	—	50+
25 to 34 years -----	36	7	—	4	6	9	10	—	—	128
35 to 44 years -----	4	4	—	—	—	—	—	—	—	50+
45 to 64 years -----	18	7	6	—	—	—	5	—	—	58
65 years and over -----	110	7	35	14	17	25	12	—	—	98
Female householder, no husband present -----	951	8	96	217	237	159	189	19	26	116
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	18	—	11	—	—	—	7	—	—	70
35 to 44 years -----	14	—	—	—	—	—	14	—	—	175
45 to 64 years -----	212	—	—	49	42	44	68	—	9	134
65 years and over -----	707	8	85	168	195	115	100	19	17	112
Median age -----	68.0	47.1	72.6	72.5	70.7	66.8	61.7	62.8	54.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	153	14	6	12	—	21	73	16	11	166
1975 to 1978 -----	352	21	33	55	48	62	88	28	17	133
1970 to 1974 -----	312	4	19	32	68	47	104	28	10	143
1960 to 1969 -----	850	—	34	126	191	204	168	90	37	134
1959 or earlier -----	1 020	15	102	274	257	165	136	25	46	112
ROOMS										
1 to 3 rooms -----	35	—	13	13	—	—	9	—	—	84
4 rooms -----	434	46	65	112	94	73	38	6	—	99
5 rooms -----	679	8	71	236	151	134	64	15	—	104
6 rooms -----	607	—	33	81	161	126	142	36	28	131
7 rooms -----	377	—	12	43	93	90	78	34	27	136
8 or more rooms -----	555	—	—	14	65	76	238	96	66	176
Median -----	5.8	4.1	4.8	5.0	5.7	5.8	6.9	7.6	7.7	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	87	7	—	8	12	6	32	11	11	166
1970 to 1974 -----	182	—	17	4	22	22	78	29	10	167
1960 to 1969 -----	703	21	22	65	177	138	153	100	27	137
1950 to 1959 -----	589	7	18	139	99	123	129	32	42	131
1940 to 1949 -----	404	—	67	98	66	78	75	5	15	114
1939 or earlier -----	722	19	70	185	188	132	102	10	16	112
VALUE										
Less than \$10,000 -----	39	7	17	—	8	7	—	—	—	68
\$10,000 to \$19,999 -----	291	22	54	91	57	40	27	—	—	94
\$20,000 to \$29,999 -----	523	21	71	156	112	120	43	—	—	103
\$30,000 to \$39,999 -----	516	—	48	146	159	73	83	7	—	110
\$40,000 to \$49,999 -----	384	—	4	76	85	88	95	25	11	133
\$50,000 to \$59,999 -----	306	4	—	24	90	89	60	27	12	135
\$60,000 to \$79,999 -----	423	—	—	6	48	71	205	57	36	171
\$80,000 to \$99,999 -----	91	—	—	—	5	11	25	45	5	205
\$100,000 to \$149,999 -----	82	—	—	—	—	—	17	22	43	250+
\$150,000 or more -----	32	—	—	—	—	—	14	4	14	225
Median -----	\$39 500	\$19 700	\$23 800	\$30 200	\$37 200	\$41 100	\$53 700	\$75 800	\$93 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 351	27	94	232	268	246	313	118	53	131
10 to 14 percent -----	441	4	41	94	63	63	115	27	34	132
15 to 19 percent -----	319	15	22	86	68	28	59	17	24	113
20 to 24 percent -----	168	—	22	35	36	43	26	6	—	119
25 to 29 percent -----	78	—	15	9	27	4	18	—	5	114
30 to 34 percent -----	91	—	—	8	42	27	7	7	—	122
35 percent or more -----	224	—	—	35	60	88	24	12	5	130
Not computed -----	15	8	—	—	—	—	7	—	—	50+
Median -----	10—	10—	10.4	10.9	11.1	10.3	10—	10—	11.1	...
SELECTED CHARACTERISTICS										
Heating equipment -----	2 687	54	194	499	564	499	569	187	121	127
Steam or hot water system -----	152	—	—	36	15	58	19	24	—	172
Central warm-air furnace or electric heat pump -----	2 161	36	123	370	468	433	484	150	97	130
Other built-in electric units -----	28	—	—	15	—	—	8	5	—	98
Floor, wall, or pipeless furnace -----	169	—	34	72	20	24	13	6	—	93
Other means -----	177	18	37	42	40	27	6	7	—	95
Air conditioning -----	2 230	32	111	397	496	384	502	187	121	130
Central system -----	1 375	—	13	148	275	270	388	174	107	148
1 or more individual room units -----	855	32	98	249	221	114	114	13	14	105
House heating fuel -----	2 687	54	194	499	564	499	569	187	121	127
Utility gas -----	16	—	—	—	—	—	11	—	5	186
Bottled, tank, or LP gas -----	125	—	—	15	15	18	52	14	11	164
Electricity -----	12	—	—	6	—	—	6	—	—	125
Fuel oil, kerosene, etc. -----	—	—	—	—	—	—	—	—	—	—
Other -----	—	—	—	—	—	—	—	—	—	—

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

## Columbia city

	Owner-occupied housing units						Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	
		9 787	1 057	1 349	3 446	2 469		11 665	1 443	2 345	3 763	2 463	1 651
<b>Occupied housing units</b>													
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	6 728	820	950	2 630	1 612	716	2 791	465	551	908	487	380	
15 to 24 years	203	31	71	59	26	16	617	111	161	171	120	54	
25 to 34 years	1 330	299	214	416	281	120	1 407	244	253	451	247	212	
35 to 44 years	1 461	234	269	621	224	113	300	38	81	121	35	25	
45 to 64 years	2 605	204	345	1 207	638	211	299	56	34	76	71	62	
65 years and over	1 129	52	51	327	443	256	168	16	22	89	14	27	
Male householder, no wife present	985	109	173	276	299	128	4 080	502	763	1 363	875	577	
15 to 24 years	143	19	41	43	26	14	2 008	281	444	625	431	227	
25 to 34 years	308	27	50	65	120	46	1 459	164	251	464	343	237	
35 to 44 years	132	27	19	53	17	16	251	28	37	124	20	42	
45 to 64 years	237	36	51	85	39	26	232	18	7	88	60	59	
65 years and over	165	—	12	30	97	26	130	11	24	62	21	12	
Female householder, no husband present	2 074	128	226	540	558	622	4 794	476	1 031	1 492	1 101	694	
15 to 24 years	34	—	5	17	6	6	2 025	228	446	609	453	289	
25 to 34 years	204	20	59	49	44	32	1 270	179	269	293	340	189	
35 to 44 years	273	34	43	96	69	31	373	9	78	150	100	36	
45 to 64 years	563	29	72	180	158	124	472	34	84	191	105	58	
65 years and over	1 000	45	47	198	281	429	654	26	154	249	103	122	
Median age	49.6	38.9	41.9	48.8	55.1	63.9	27.2	26.3	26.2	28.1	26.7	28.0	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	1 324	315	237	398	228	146	7 085	1 088	1 453	2 178	1 471	895	
1975 to 1978	2 935	742	460	882	603	248	3 350	355	755	1 139	670	431	
1970 to 1974	1 786	—	652	679	300	155	655	—	137	268	159	91	
1960 to 1969	2 420	—	—	1 487	625	308	466	—	—	178	125	163	
1959 or earlier	1 322	—	—	—	713	609	109	—	—	—	38	71	
<b>ROOMS</b>													
1 room	10	—	5	—	—	5	475	—	90	77	112	196	
2 rooms	26	7	5	14	—	—	973	52	223	277	208	213	
3 rooms	156	—	38	58	37	23	2 378	219	463	951	436	309	
4 rooms	1 186	106	306	268	346	160	4 340	619	894	1 683	805	339	
5 rooms	1 823	133	153	542	595	400	1 933	305	461	396	480	291	
6 rooms	1 752	132	177	513	564	366	900	162	99	223	240	176	
7 or more rooms	4 834	679	665	2 051	927	512	666	86	115	156	182	127	
Median	6.5	7.1	6.4	7.0	6.0	5.9	4.0	4.2	3.9	3.8	4.1	3.8	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	9 747	1 057	1 349	3 446	2 442	1 453	11 366	1 434	2 337	3 720	2 402	1 473	
0.50 or less	7 741	827	1 041	2 554	2 046	1 273	7 688	1 021	1 470	2 553	1 661	983	
0.51 to 1.00	1 928	230	296	864	378	160	3 335	366	791	1 033	677	468	
1.01 to 1.50	51	—	7	14	15	15	278	47	56	102	57	16	
1.51 or more	27	—	5	14	3	5	65	—	20	32	7	6	
Locking complete plumbing for exclusive use	40	—	—	—	27	13	299	9	8	43	61	178	
0.50 or less	28	—	—	—	21	7	111	9	8	22	22	50	
0.51 to 1.00	12	—	—	—	6	6	164	—	—	15	39	110	
1.01 to 1.50	—	—	—	—	—	—	14	—	—	6	—	8	
1.51 or more	—	—	—	—	—	—	10	—	—	—	—	10	
<b>PERSONS IN UNIT</b>													
1 person	1 815	121	211	429	558	496	4 642	460	841	1 604	940	797	
2 persons	3 522	347	435	1 112	1 082	546	3 981	555	836	1 285	853	452	
3 persons	1 805	235	283	676	386	225	1 650	267	348	423	403	209	
4 persons	1 637	264	209	750	283	131	937	129	214	305	163	126	
5 persons	655	52	145	299	112	47	309	29	72	85	75	48	
6 or more persons	353	38	66	180	48	21	146	3	34	61	29	19	
Median	2.37	2.76	2.60	2.77	2.13	1.93	1.80	1.97	1.90	1.72	1.84	1.56	
Total persons	26 134	2 987	3 952	10 212	5 844	3 139	24 189	3 161	4 956	7 506	5 292	3 274	
<b>UNITS IN STRUCTURE</b>													
1, detached or attached	8 516	788	977	3 066	2 336	1 349	2 709	180	292	555	1 127	555	
2	401	79	43	126	81	72	1 626	202	330	590	354	150	
3 and 4	141	40	19	41	20	21	1 470	206	227	466	342	229	
5 to 9	60	38	—	—	3	19	1 340	211	327	396	192	214	
10 to 49	32	15	—	5	7	5	2 766	535	494	1 027	231	479	
50 or more	—	—	—	—	—	—	1 106	66	391	468	157	24	
Mobile home or trailer, etc.	637	97	310	208	22	—	648	43	284	261	60	—	
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	9 787	1 057	1 349	3 446	2 469	1 466	11 661	1 443	2 345	3 763	2 463	1 647	
Steam or hot water system	461	15	5	165	161	115	1 057	22	132	287	192	424	
Central warm-air furnace or electric heat pump	8 397	908	1 270	3 180	1 979	1 060	8 810	1 230	1 955	3 107	1 625	893	
Other built-in electric units	198	110	52	13	13	10	458	165	166	75	30	22	
Floor, wall, or pipeless furnace	328	—	17	23	179	109	643	6	47	171	306	113	
Other means	403	24	5	65	137	172	693	20	45	123	310	195	
Air conditioning	8 622	1 020	1 271	3 208	2 129	994	8 621	1 360	2 215	3 181	1 225	640	
Central system	6 122	969	1 049	2 654	1 126	324	5 212	1 201	1 550	1 818	527	116	
1 or more individual room units	2 500	51	222	554	1 003	670	3 409	159	665	1 363	698	524	
House heating fuel	9 787	1 057	1 349	3 446	2 469	1 466	11 661	1 443	2 345	3 763	2 463	1 647	
Utility gas	8 280	134	1 024	3 306	2 384	1 432	8 979	287	1 654	3 245	2 235	1 558	
Bottled, tank, or LP gas	77	7	15	23	27	5	211	37	29	79	52	14	
Electricity	1 301	889	294	83	19	16	2 317	1 110	624	388	149	46	
Fuel oil, kerosene, etc.	47	8	11	6	22	—	65	—	22	23	15	5	
Other	82	19	5	28	17	13	89	9	16	28	12	24	
Income in 1979 below poverty level	458	16	33	97	142	170	3 526	315	761	1 144	795	511	
Percent below poverty level	4.7	1.5	2.4	2.8	5.8	11.6	30.2	21.8	32.5	30.4	32.3	31.0	
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	639	16	33	122	225	243	2 880	217	606	959	601	497	
\$5,000 to \$9,999	1 045	32	105	292	375	241	3 345	302	736	1 003	797	507	
\$10,000 to \$12,499	621	50	66	189	214	102	1 395	210	223	427	363	172	
\$12,500 to \$14,999	622	68	147	100	178	129	936	123	204	345	141	123	
\$15,000 to \$19,999	1 201	94	199	394	284	230	1 379	198	272	439	318	152	
\$20,000 to \$24,999	1 176	129	194	480	270	103	713	161	131	253	106	62	
\$25,000 to \$34,999	2 379	303	317	1 013	501	245	703	162	113	230	88	110	
\$35,000 to \$49,999	1 302	217	148	555	278	104	186	30	48	48	42	18	
\$50,000 or more	802	148	140	301	144	69	128	40	12	59	7	10	
Median	\$23 137	\$29 508	\$23 190	\$26 290	\$19 335	\$15 306	\$9 370	\$12 411	\$8 820	\$9 581	\$8 856	\$7 723	
Mean	\$26 156	\$33 931	\$26 992	\$28 874	\$22 645	\$19 302	\$11 676	\$15 296	\$11 006	\$11 928	\$10 601	\$10 494	

Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B]

## Columbia city

Household type and age of householder	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	9 787	8 516	634	637	11 665	2 709	1 626	1 470	1 340	2 766	1 106	648
Condominium housing units	111	69	42	—	61	39	—	5	11	6	—	—
<b>Married-couple families</b>	<b>6 728</b>	<b>6 183</b>	<b>270</b>	<b>275</b>	<b>2 791</b>	<b>897</b>	<b>554</b>	<b>242</b>	<b>233</b>	<b>553</b>	<b>185</b>	<b>127</b>
15 to 24 years	203	82	16	105	617	154	77	83	84	157	53	9
25 to 34 years	1 330	1 217	40	73	1 407	440	342	126	105	250	74	70
35 to 44 years	1 461	1 401	33	27	300	113	69	12	16	57	—	33
45 to 64 years	2 605	2 442	104	59	299	141	56	7	11	77	—	7
65 years and over	1 129	1 041	77	11	168	49	10	14	17	12	58	8
Male householder, no wife present	985	706	104	175	4 080	851	456	492	512	1 133	394	242
15 to 24 years	143	74	19	50	2 008	338	188	283	318	599	158	124
25 to 34 years	308	233	21	54	1 459	345	190	145	129	417	158	75
35 to 44 years	132	90	7	35	251	77	32	12	32	50	20	28
45 to 64 years	237	157	50	30	232	65	23	41	15	46	27	15
65 years and over	165	152	7	6	130	26	23	11	18	21	31	—
Female householder, no husband present	2 074	1 627	260	187	4 794	961	616	736	595	1 080	527	279
15 to 24 years	34	24	—	10	2 025	276	164	343	355	505	240	142
25 to 34 years	204	133	18	53	1 270	319	211	148	131	319	54	88
35 to 44 years	273	214	28	31	373	109	99	43	27	75	14	6
45 to 64 years	563	431	66	66	472	137	91	56	57	75	31	25
65 years and over	1 000	825	148	27	654	120	51	146	25	106	188	18
Median age	49.6	50.1	54.5	33.3	27.2	29.0	29.1	25.4	24.4	26.0	27.5	26.7
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	1 324	1 028	107	189	7 085	1 384	885	950	966	1 845	598	457
1975 to 1978	2 935	2 399	229	307	3 350	948	599	366	315	703	267	152
1970 to 1974	1 786	1 548	123	115	655	198	75	69	25	114	145	29
1960 to 1969	2 420	2 316	83	21	466	132	49	76	28	83	88	10
1959 or earlier	1 322	1 225	92	5	109	47	18	9	6	21	8	—
<b>ROOMS</b>												
1 room	10	5	—	5	475	19	7	18	101	181	149	—
2 rooms	26	7	—	19	973	70	65	127	144	323	222	22
3 rooms	156	54	23	79	2 378	221	250	390	300	807	251	159
4 rooms	1 186	705	115	366	4 340	869	568	618	556	973	395	361
5 rooms	1 823	1 511	192	120	1 933	682	343	179	196	358	74	101
6 rooms	1 752	1 605	103	44	900	403	258	94	38	87	15	5
7 or more rooms	4 834	4 629	201	4	666	445	135	44	5	37	—	—
Median	6.5	6.7	5.4	4.1	4.0	4.8	4.4	3.8	3.7	3.6	3.2	3.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	9 747	8 495	615	637	11 366	2 702	1 600	1 441	1 249	2 620	1 106	648
0.50 or less	7 741	6 813	488	440	7 688	1 876	1 158	1 016	792	1 852	616	378
0.51 to 1.00	1 928	1 616	127	185	3 335	737	389	390	400	710	475	234
1.01 to 1.50	51	51	—	—	278	79	46	28	51	38	—	36
1.51 or more	27	15	—	12	65	10	7	7	6	20	15	—
Locking complete plumbing for exclusive use	40	21	19	—	299	7	26	29	91	146	—	—
0.50 or less	28	15	13	—	111	7	21	24	23	36	—	—
0.51 to 1.00	12	6	6	—	164	—	5	5	54	100	—	—
1.01 to 1.50	—	—	—	—	14	—	—	—	14	—	—	—
1.51 or more	—	—	—	—	10	—	—	—	—	10	—	—
<b>BEDROOMS</b>												
None	10	5	—	5	596	46	7	24	112	209	191	7
1	316	218	38	60	3 698	443	363	555	506	1 291	437	103
2	2 342	1 658	233	451	5 241	1 242	780	671	601	1 069	412	466
3	4 220	3 862	243	115	1 616	686	350	159	106	177	66	72
4	2 252	2 154	92	6	428	262	94	47	15	10	—	—
5 or more	647	619	28	—	86	30	32	14	—	10	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	639	559	21	59	2 880	414	276	380	428	778	470	134
\$5,000 to \$9,999	1 045	783	130	132	3 345	725	353	518	483	718	291	257
\$10,000 to \$12,499	621	459	62	100	1 395	395	202	171	140	354	73	60
\$12,500 to \$14,999	622	446	81	95	936	277	133	139	89	177	75	46
\$15,000 to \$19,999	1 201	1 012	71	118	1 379	422	282	135	75	300	76	89
\$20,000 to \$24,999	1 176	1 025	69	82	713	213	157	56	47	156	39	45
\$25,000 to \$34,999	2 379	2 238	95	46	703	182	152	34	52	215	51	17
\$35,000 to \$49,999	1 302	1 236	66	—	186	52	47	18	19	50	—	—
\$50,000 or more	802	758	39	5	128	29	24	19	7	18	31	—
Median	\$23 137	\$24 867	\$16 065	\$13 224	\$9 370	\$11 364	\$12 277	\$8 050	\$7 208	\$9 228	\$6 199	\$8 820
Mean	\$26 156	\$27 243	\$23 525	\$14 232	\$11 676	\$13 287	\$14 368	\$10 405	\$9 392	\$11 433	\$9 694	\$10 220
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	9 787	8 516	634	637	11 661	2 709	1 626	1 470	1 340	2 762	1 106	648
Steam or hot water system	461	397	64	—	1 057	88	29	111	136	356	328	9
Central warm-air furnace or electric heat pump	8 397	7 293	511	593	8 810	1 964	1 285	1 142	1 053	2 119	679	568
Other built-in electric units	198	171	27	—	458	74	80	45	65	107	64	23
Floor, wall, or pipeless furnace	328	292	23	13	643	281	101	91	58	90	6	16
Other means	403	363	9	31	693	302	131	81	28	90	29	32
Air conditioning	8 622	7 535	548	539	8 621	1 564	1 153	952	1 019	2 280	1 075	578
Central system	6 122	5 531	381	210	5 212	602	802	665	716	1 694	537	196
Vehicles available	9 322	8 130	581	611	9 916	2 381	1 449	1 255	1 174	2 387	719	551
1	3 017	2 531	221	265	6 005	1 235	788	789	753	1 659	456	325
2 or more	6 305	5 599	360	346	3 911	1 146	661	466	421	728	263	226
House heating fuel	9 787	8 516	634	637	11 661	2 709	1 626	1 470	1 340	2 762	1 106	648
Utility gas	8 280	7 272	437	571	8 979	2 442	1 281	1 126	927	1 873	770	560
Bottled, tank, or LP gas	77	54	7	16	211	23	32	26	4	74	29	23
Electricity	1 301	1 079	184	38	2 317	230	297	313	381	788	243	65
Fuel oil, kerosene, etc.	47	36	6	5	65	—	5	5	—	55	—	—
Other	82	75	7	89	14	11	—	—	28	27	9	—
Water heating fuel	9 780	8 509	634	637	11 654	2 702	1 626	1 470	1 340	2 762	1 106	648
Utility gas	7 966	7 065	463	438	8 800	2 369	1 264	1 059	922	1 907	769	510
Bottled, tank, or LP gas	61	48	6	7	201	23	34	43	20	32	26	23
Electricity	1 742	1 390	165	187	2 624	310	328	368	398	817	288	115
Fuel oil, kerosene, etc.	5	—	5	22	—	—	—	—	6	16	—	—
Other	6	6	—	—	7	—	—	—	7	—	—	—
Family householder	7 530	6 808	363	359	4 138	1 293	778	422	357	763	233	292
With own children under 18 years	3 595	3 269	158	168	2 060	697	437	192	170	282	54	228
With own children under 6 years	1 307	1 160	42	105	1 165	336	256	102	123	187	24	137
Female householder, no husband present	643	496	80	67	1 074	335	206	151	109	110	25	138
With own children under 18 years	309	217	59	33	842	256	175	120	71	74	13	133
With own children under 6 years	57	22	12	23	363	83	71	60	28	30	—	91
Nonfamily householder	2 257	1 708	271	278	7 527	1 416	848	1 048	983	2 003	873	356
Income in 1979 below poverty level	458	388	18	52	3 526	622	373	468	539	919	446	159
Percent below poverty level	4.7	4.6	2.8	8.2	30.2	23.0	22.9	31.8	40.2	33.2	40.3	24.5

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

## Columbia city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>9 787</b>	<b>1 815</b>	<b>3 522</b>	<b>1 805</b>	<b>1 637</b>	<b>655</b>	<b>247</b>	<b>79</b>	<b>27</b>	<b>2.37</b>	<b>26 134</b>
Nonrelatives present	591	—	345	119	51	32	33	11	—	2.36	1 675
<b>ROOMS</b>											
1 to 3 rooms	192	119	39	11	13	3	7	—	—	1.31	377
4 rooms	1 186	534	471	128	53	—	—	—	—	1.63	2 114
5 rooms	1 823	492	728	297	201	90	15	—	—	2.08	4 055
6 rooms	1 752	344	802	304	181	75	26	14	6	2.16	4 213
7 rooms	1 684	175	562	448	336	118	29	6	10	2.73	4 910
8 or more rooms	3 150	151	920	617	853	369	170	59	11	3.32	10 465
Median	6.5	5.0	6.2	6.9	7.6	7.8	8.2	8.3	7.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	9 747	1 792	3 517	1 799	1 637	649	247	79	27	2.38	26 069
1.00 or less	9 669	1 792	3 507	1 799	1 624	646	225	65	11	2.37	25 673
1.01 to 1.50	51	—	—	—	6	—	15	14	16	6.82	262
1.51 or more	27	—	10	—	7	3	7	—	—	4.00	134
Locking complete plumbing for exclusive use	40	23	5	6	—	6	—	—	—	1.37	65
1.00 or less	40	23	5	6	—	6	—	—	—	1.37	65
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	8 516	1 406	3 065	1 542	1 536	627	234	79	27	2.43	23 200
2 or more	634	210	203	119	81	15	6	—	—	2.03	1 472
Mobile home or trailer, etc.	637	199	254	144	20	13	7	—	—	1.97	1 462
<b>VALUE</b>											
Specified owner-occupied housing units	7 920	1 316	2 860	1 397	1 426	585	230	79	27	2.42	21 458
Less than \$10,000	58	15	43	—	—	—	—	—	—	1.83	99
\$10,000 to \$19,999	427	176	154	23	57	9	8	—	—	1.74	895
\$20,000 to \$29,999	914	331	334	113	60	39	20	7	10	1.88	1 807
\$30,000 to \$39,999	1 345	284	518	230	146	109	30	22	6	2.25	3 445
\$40,000 to \$49,999	1 309	206	521	301	189	62	10	9	11	2.36	3 346
\$50,000 to \$59,999	1 203	126	450	224	287	71	29	16	—	2.61	3 482
\$60,000 to \$79,999	1 593	130	510	341	368	143	83	18	—	2.96	5 052
\$80,000 to \$99,999	565	32	174	88	147	87	30	7	—	3.37	1 812
\$100,000 to \$149,999	389	8	135	50	133	43	20	—	—	3.51	1 160
\$150,000 or more	117	8	21	27	39	22	—	—	—	3.56	360
Median	\$49 300	\$35 100	\$47 200	\$51 600	\$59 200	\$60 500	\$64 500	\$55 500	\$37 900	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	9 787	1 815	3 522	1 805	1 637	655	247	79	27	2.37	26 134
Median income	\$23 137	\$9 479	\$21 905	\$27 059	\$28 722	\$31 832	\$31 019	\$30 104	\$33 750	...	...
Median selected monthly owner costs as percentage of household income	15.5	22.8	13.4	14.0	16.9	15.5	14.8	16.8	13.2	...	...
With a mortgage	17.6	24.8	17.0	15.7	17.7	16.9	16.4	18.5	13.2	...	...
Not mortgaged	10—	20.5	10—	10—	10—	10—	10—	10—	10.0	—	—
Income in 1979 below poverty level	458	247	102	44	59	6	—	—	—	1.43	—
Median income	\$3 178	\$2500—	\$4 053	\$8 214	\$4 053	—	\$6 250	—	—	—	—
Median selected monthly owner costs as percentage of household income	49.0	50+	42.4	30.8	50+	—	—	—	—	—	—
With a mortgage	50+	50+	50+	33.8	50+	—	—	—	—	—	—
Not mortgaged	45.3	48.5	38.8	27.5	—	—	—	—	—	—	—
Renter-occupied housing units	11 665	4 642	3 981	1 650	937	309	83	31	32	1.80	24 189
Nonrelatives present	3 216	—	1 846	790	414	138	28	—	—	2.37	8 713
<b>ROOMS</b>											
1 room	475	449	20	—	6	—	—	—	—	1.03	512
2 rooms	973	713	157	78	25	—	—	—	—	1.18	1 346
3 rooms	2 378	1 571	655	83	55	14	—	—	—	1.26	3 628
4 rooms	4 340	1 325	2 004	660	288	53	—	10	—	1.92	8 844
5 rooms	1 933	441	698	450	231	49	59	5	—	2.25	4 788
6 rooms	900	124	267	252	166	67	4	10	10	2.73	2 666
7 or more rooms	666	19	180	127	172	120	20	6	22	3.54	2 405
Median	4.0	3.2	4.1	4.5	4.9	6.0	5.2	5.5	6.8	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	11 366	4 426	3 945	1 620	932	297	83	31	32	1.82	23 717
1.00 or less	11 023	4 426	3 929	1 550	852	236	24	6	—	1.78	22 044
1.01 to 1.50	278	—	—	70	55	47	59	15	32	4.80	1 380
1.51 or more	65	—	16	—	25	14	—	10	—	4.16	293
Locking complete plumbing for exclusive use	299	216	36	30	5	12	—	—	—	1.19	472
1.00 or less	275	216	32	22	5	—	—	—	—	1.14	385
1.01 to 1.50	14	—	—	8	—	6	—	—	—	3.38	51
1.51 or more	10	—	4	—	—	6	—	—	—	4.67	36
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	2 709	803	883	487	286	175	32	31	12	2.12	6 602
2	1 626	521	604	277	144	34	26	—	20	1.98	3 663
3 and 4	1 470	641	497	198	67	50	17	—	—	1.69	2 958
5 to 9	1 340	548	454	188	139	11	—	—	—	1.77	2 613
10 to 49	2 766	1 386	931	302	128	19	—	—	—	1.50	4 830
50 or more	1 106	531	384	104	87	—	—	—	—	1.56	2 056
Mobile home or trailer, etc.	648	212	228	94	86	20	8	—	—	1.99	1 467
<b>GROSS RENT</b>											
Specified renter-occupied housing units	11 545	4 590	3 961	1 625	921	302	83	31	32	1.80	23 944
Less than \$100	539	448	68	12	5	6	—	—	—	1.10	652
\$100 to \$149	1 205	709	289	124	56	7	—	10	10	1.35	2 044
\$150 to \$199	1 977	1 178	474	193	92	8	10	—	22	1.34	3 187
\$200 to \$249	2 689	1 110	1 109	240	129	50	41	10	—	1.71	5 141
\$250 to \$299	2 434	711	1 111	375	172	60	—	5	—	1.96	5 303
\$300 to \$349	1 204	240	487	285	151	30	5	6	—	2.24	2 975
\$350 to \$399	564	51	189	182	93	36	13	—	—	2.73	1 677
\$400 to \$449	527	34	135	175	131	42	10	—	—	3.04	1 706
\$500 or more	177	24	19	11	65	54	4	—	—	4.03	777
No cash rent	229	85	80	28	27	9	—	—	—	1.87	464
Median	\$237	\$197	\$250	\$275	\$298	\$326	\$230	\$227	\$186	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	11 665	4 642	3 981	1 650	937	309	83	31	32	1.80	24 189
Median income	\$9 370	\$6 550	\$10 776	\$11 444	\$13 373	\$14 720	\$11 687	\$12 750	\$14 000	...	...
Median gross rent as percentage of household income	28.5	32.6	25.8	28.3	26.2	27.5	25.5	15.4	13.6	...	...
Income in 1979 below poverty level	3 526	1 379	1 057	600	319	101	35	15	20	1.86	...
Median income	\$3 596	\$2500—	\$4 196	\$5 405	\$7 141	\$9 904	\$8 125	\$10 625	\$7 500	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	39.0	41.3	35.9	13.8	32.0	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Columbia city	Married-couple families										Male householder, no wife present										Female householder, no husband present		
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age		
Total	9 787	203	1 330	1 461	2 605	1 129	143	308	132	237	165	34	204	273	563	1 000	49.6						
Owner-occupied housing units																							
PERSONS IN UNIT																							
1 person	1 815	124	351	120	1	156	981	53	217	64	146	147	11	55	67	292	763	65.1					
2 persons	3 522	62	835	238	1	691	115	64	30	67	53	6	23	53	77	183	196	58.6					
3 persons	1 805	17	462	628	400	204	7	4	—	32	9	6	—	63	47	89	47	26	44.8				
4 persons	1 637	—	—	111	295	165	5	—	—	6	—	6	—	27	13	35	35	15	39.2				
5 persons	655	—	—	21	406	271	5	208	179	121	157	1	1.06	1.76	6	19	8	6	—	41.3			
6 or more persons	353	—	—	332	4 06	2 71	5	2 296	276	411	253	355	194	64	2.39	2.40	8	1.46	1.16	1.16	...		
Median	2.37	552	4 524	5 925	7 810	2 296	5	—	—	—	—	—	—	499	718	1 019	1 238	—	—	—	—	—	—
Total persons	26 134	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	9 747	203	1 330	1 461	2 605	1 129	143	308	132	237	152	34	204	267	563	979	49.5						
1.01 or more persons per room	78	—	—	32	30	—	—	—	—	—	10	—	—	—	6	—	—	—	—	47.3			
Lacking complete plumbing for exclusive use	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	69.4			
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
Specified owner-occupied housing units	7 920	70	1 132	1 319	2 267	939	74	225	85	137	139	18	128	214	424	749	49.9						
With a mortgage	5 233	49	1 105	1 214	1 660	144	61	189	81	119	29	18	110	200	212	42	42.0						
Less than 15 percent	6	165	313	458	1 079	80	294	19	46	43	4	—	17	28	43	—	47.9						
15 to 19 percent	174	5	264	211	156	13	37	37	37	23	—	6	14	26	25	12	39.1						
20 to 24 percent	864	12	109	61	109	18	14	27	6	7	—	19	42	64	—	38.6							
25 to 29 percent	516	—	248	20	73	47	24	18	14	34	7	—	11	33	9	5	34.9						
30 to 34 percent	414	6	82	26	37	14	18	31	17	—	18	7	12	30	45	16	9	34.9					
35 percent or more	9	—	21.4	17.1	13.1	14.0	25.5	21.7	18.6	18.6	4	18	110	14	25.6	—	57.5						
Not computed	Median	—	2 687	21	27	105	607	795	13	36	17	12	39	18	14	23.0	32.2	—	—	—	—	—	
Not mortgaged	Less than 10 percent	10	17	80	487	437	13	17	4	4	—	11	—	7	7	100	132	68.0					
10 to 14 percent	441	10	25	87	139	139	—	—	4	4	—	27	—	—	—	34	121	68.0					
15 to 19 percent	319	11	—	18	133	—	—	6	—	—	—	—	—	7	7	16	114	72.6					
20 to 24 percent	168	—	—	—	—	—	—	—	—	—	—	—	—	15	—	7	29	42	80.3				
25 to 29 percent	78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21	42	86.6		
30 to 34 percent	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	152	73.1		
35 percent or more	224	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	67.5	—	
Not computed	15	—	10	—	10	—	10	—	10	—	12.5	—	10	—	18.0	—	14.1	15.0	10.9	19.3	—	—	
Median	15.2	—	10	—	10	—	10	—	10	—	11.3	—	10	—	18.0	—	14.1	15.0	10.9	19.3	—	—	
Renter-occupied housing units	11 665	617	1 407	300	299	168	2 008	1 459	251	232	130	2 025	1 270	373	472	654	27.2						
PERSONS IN UNIT																							
1 person	4 642	—	663	90	—	176	168	804	925	174	150	124	820	637	90	312	406	28.3					
2 persons	3 981	448	129	405	62	53	56	354	394	50	63	749	334	161	79	71	30	25.7					
3 persons	1 650	937	250	270	59	57	56	149	56	27	5	—	270	130	95	76	41	26.1					
4 persons	309	15	146	10	35	11	—	60	7	—	—	—	52	27	5	16	7	28.7					
5 persons	146	2.19	4 120	1 478	2 60	3.47	2.00	1 81	1.29	1.22	1.27	—	4 056	354	360	1.50	1.76	1.26	1.04	—	39.6	—	
6 or more persons	24	—	—	—	—	—	—	792	362	2 218	—	—	—	1.39	4 042	2 546	1 049	858	731	—	—	—	
Total persons	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	11 366	609	1 390	295	289	168	1 911	1 431	239	213	130	1 971	1 247	368	465	640	27.2						
1.01 or more persons per room	343	22	90	43	17	5	10	—	—	—	19	—	55	23	37	49	—	33.0					
Lacking complete plumbing for exclusive use	299	8	—	8	—	—	—	—	—	—	6	—	54	23	5	7	14	24.6					
1.01 or more persons per room	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.8				
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
Specified renter-occupied housing units	11 545	611	1 378	300	290	168	2 005	1 442	235	226	124	2 025	1 259	373	472	637	27.1						
Less than 15 percent	564	59	285	118	35	64	48	221	261	43	7	37	82	99	58	78	73	28.3					
15 to 19 percent	615	117	355	40	72	77	150	111	171	275	13	17	194	156	37	59	81	28.1					
20 to 24 percent	504	140	237	72	46	49	11	19	125	125	28	21	243	170	57	62	81	27.6					
25 to 29 percent	1 235	77	150	116	34	32	32	16	150	125	125	28	21	243	170	57	62	81	27.6				
30 to 34 percent	801	65	58	—	18	16	11	14	149	91	14	11	16	189	110	30	44	23	25.0				
35 to 49 percent	1 671	101	116	140	13	37	15	12	32	193	14	11	12	12	231	68	76	127	26.4				
50 percent or more	2 714	37	140	12	46	8	—	8	792	233	16	25	15	16	39.5	228	55	95	172	23.8			
50 percent or more	441	15	37	12	46	8	—	8	792	18.7	5	5	43	56	43	24.9	7	38	29.4				
Median	28.5	24.4	20.6	18.2	18.2	—	—	—	—	—	—	—	—	—	—	29.0	28.6	34.9	—	—	—	—	

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Columbia city	Male householder							Female householder											
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 815	627	53	217	64	146	147	1 188	11	55	67	292	763						
PLUMBING FACILITIES																			
Complete plumbing for exclusive use	1 792	620	53	217	64	146	140	1 172	11	55	67	292	747						
Locking complete plumbing for exclusive use	23	7	—	—	—	—	7	16	—	—	—	—	16						
UNITS IN STRUCTURE																			
1, detached or attached	1 406	454	19	164	45	92	134	952	6	40	55	215	636						
2 or more	210	63	6	21	—	29	7	147	—	—	—	35	112						
Mobile home or trailer, etc.	199	110	28	32	19	25	6	89	5	15	12	42	15						
HOUSEHOLD INCOME IN 1979																			
Less than \$5,000	474	94	5	9	4	6	70	380	—	5	—	22	353						
\$5,000 to \$9,999	475	95	11	50	6	14	14	380	11	24	11	124	210						
\$10,000 to \$12,499	214	122	24	38	12	18	30	92	—	12	6	40	34						
\$12,500 to \$14,999	171	74	13	43	—	8	10	97	—	8	5	29	55						
\$15,000 to \$19,999	178	65	—	24	—	35	6	113	—	6	13	50	44						
\$20,000 to \$24,999	95	48	—	7	18	16	7	47	—	—	26	7	14						
\$25,000 to \$34,999	117	69	—	27	17	25	—	48	—	—	—	14	34						
\$35,000 to \$49,999	36	18	—	—	—	14	4	19	—	—	6	—	12						
\$50,000 or more	55	42	—	19	7	10	6	13	—	—	—	6	7						
Median	\$9 479	\$12 584	\$11 094	\$13 169	\$23 462	\$16 929	\$5 625	\$7 399	\$7 292	\$9 844	\$17 212	\$10 000	\$5 498						
Mean	\$13 134	\$17 899	\$9 900	\$21 190	\$22 360	\$21 664	\$10 243	\$10 620	\$7 119	\$9 943	\$18 450	\$13 690	\$8 856						
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS																			
Specified owner-occupied housing units	1 316	421	19	156	40	85	121	895	6	40	55	215	579						
With a mortgage	492	280	19	124	36	72	29	212	6	29	55	93	29						
Less than \$200	65	47	2	26	—	7	12	18	—	6	6	6	6						
\$200 to \$249	66	39	—	—	—	32	7	27	—	14	—	6	7						
\$250 to \$299	82	40	17	15	—	8	—	42	—	8	13	14	7						
\$300 to \$349	92	33	—	27	—	—	6	59	6	7	19	27	—						
\$350 to \$399	87	46	—	11	12	19	4	41	—	—	5	27	9						
\$400 to \$449	54	36	—	25	11	—	—	18	—	—	5	13	—						
\$500 to \$599	27	20	—	14	6	—	—	7	—	—	7	—	—						
\$600 to \$749	6	6	—	—	—	6	—	—	—	—	—	—	—						
\$750 or more	13	13	—	6	7	—	—	—	—	—	—	—	—						
Median	\$318	\$321	\$272	\$339	\$450	\$245	\$218	\$316	\$325	\$253	\$322	\$338	\$261						
Not mortgaged	824	141	—	32	4	13	92	683	—	11	—	122	550						
Less than \$50	33	25	—	7	4	7	7	8	—	—	—	—	8						
\$50 to \$74	130	41	—	—	—	6	35	89	—	11	—	—	78						
\$75 to \$99	213	12	—	4	—	—	8	201	—	—	—	44	157						
\$100 to \$124	194	23	—	6	—	—	17	171	—	—	—	—	36	135					
\$125 to \$149	145	28	—	9	—	—	19	117	—	—	—	21	96						
\$150 to \$199	76	12	—	6	—	—	6	64	—	—	—	17	47						
\$200 to \$249	12	—	—	—	—	—	—	12	—	—	—	—	12						
\$250 or more	21	—	—	—	—	—	—	21	—	—	—	4	17						
Median	\$105	\$84	—	\$121	\$50	\$50	\$88	\$106	—	\$63	—	\$112	\$106						
SELECTED CHARACTERISTICS																			
Median selected monthly owner costs as percentage of household income in 1979	22.8	22.1	38.8	24.6	19.4	16.9	21.8	23.1	50+	23.2	23.8	22.4	23.2						
With a mortgage	24.8	23.9	38.8	26.1	20.0	19.6	47.0	30.0	50+	30.4	23.8	24.9	34.7						
Not mortgaged	20.5	15.8	—	10—	12.5	10—	18.1	21.4	—	12.5	—	16.6	22.6						
Income in 1979 below poverty level	247	48	—	9	—	—	39	199	—	5	—	14	180						
Percent below poverty level	13.6	7.7	—	4.1	—	—	26.5	16.8	—	9.1	—	4.8	23.6						
Renter-occupied housing units	4 642	2 177	804	925	174	150	124	2 465	820	637	90	312	606						
PLUMBING FACILITIES																			
Complete plumbing for exclusive use	4 426	2 049	728	904	162	131	124	2 377	776	614	90	305	592						
Locking complete plumbing for exclusive use	216	128	76	21	12	19	—	88	44	23	—	7	14						
UNITS IN STRUCTURE																			
1, detached or attached	803	427	130	179	56	36	26	376	91	102	17	74	92						
2	521	244	55	116	32	18	23	277	63	85	21	57	51						
3 and 4	641	247	103	108	8	17	11	394	156	74	6	32	126						
5 to 9	548	257	123	89	17	10	18	291	164	55	5	42	25						
10 to 49	1 386	677	292	301	33	36	15	709	228	268	41	66	106						
50 or more	531	190	37	89	6	27	31	341	88	40	—	25	188						
Mobile home or trailer, etc.	212	135	64	43	22	6	—	77	30	13	—	16	18						
HOUSEHOLD INCOME IN 1979																			
Less than \$5,000	1 797	772	450	206	5	42	69	1 025	403	127	—	97	398						
\$5,000 to \$9,999	1 466	616	219	310	49	26	12	850	309	259	49	110	123						
\$10,000 to \$12,499	475	227	52	150	7	13	5	248	76	108	6	44	14						
\$12,500 to \$14,999	350	182	41	98	22	7	14	168	26	79	20	12	31						
\$15,000 to \$19,999	250	164	42	78	32	—	12	86	6	41	15	19	5						
\$20,000 to \$24,999	87	65	—	47	12	6	—	22	—	15	—	7	—						
\$25,000 to \$34,999	137	105	—	32	41	20	12	32	—	8	—	16	8						
\$35,000 to \$49,999	41	19	—	—	—	19	—	22	—	—	—	22	5						
\$50,000 or more	39	27	—	4	6	17	—	12	—	—	—	7	5						
Median	\$6 550	\$7 307	\$4 250	\$8 773	\$15 714	\$11 346	\$4 718	\$6 033	\$5 091	\$8 377	\$9 412	\$7 976	\$4 164						
Mean	\$8 408	\$9 596	\$5 444	\$9 964	\$17 805	\$20 224	\$9 404	\$7 358	\$5 233	\$8 805	\$10 147	\$10 087	\$6 893						
GROSS RENT																			
Specified renter-occupied housing units	4 590	2 142	804	918	158	144	118	2 448	820	637	90	312	589						
Less than \$100	448	136	42	28	9	15	42	312	52	22	—	25	213						
\$100 to \$149	709	329	125	151	17	27	9	380	103	74	15	69	119						
\$150 to \$199	1 178	583	265	227	36	30	25	595	268	166	7	57	97						
\$200 to \$249	1 110	541	195	274	61	—	11	569	204	203	35	52	75						
\$250 to \$299	711	308	128	129	—	31	20	403	155	95	33	74	46						
\$300 to \$349	240	139	20	84	10	25	—	101	32	40	—	23	6						
\$																			

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Columbia city

Vacant for sale only housing units

	Total	Less than 2 months	2 up to 6 months	6 or more months
1 to 3 rooms	9	9	—	—
4 rooms	36	13	6	17
5 rooms	19	16	3	—
6 rooms	8	—	—	8
7 rooms	55	24	22	9
8 or more rooms	41	7	22	12
Median	6.7	5.3	7.3	6.3

PLUMBING FACILITIES

Complete plumbing for exclusive use	168	69	53	46
Locking complete plumbing for exclusive use	—	—	—	—

BEDROOMS

	Total	Less than 2 months	2 up to 6 months	6 or more months
None	—	—	—	—
1	16	9	—	7
2	49	13	22	14
3	84	40	31	13
4	19	7	—	12
5 or more	—	—	—	—

YEAR STRUCTURE BUILT

1975 to March 1980	49	12	19	18
1970 to 1974	21	10	6	5
1960 to 1969	47	34	13	—
1950 to 1959	25	—	6	19
1940 to 1949	11	4	3	4
1939 or earlier	15	9	6	—

UNITS IN STRUCTURE

1, detached or attached	117	35	50	32
2 or more	41	34	3	4
Mobile home or trailer	10	—	—	10

HEATING EQUIPMENT

Central heating system	168	69	53	46
Other means	—	—	—	—
None	—	—	—	—

PRICE ASKED

	Specified vacant for sale only housing units	23
Less than \$10,000	91	31
\$10,000 to \$19,999	—	—
\$20,000 to \$29,999	10	6
\$30,000 to \$39,999	7	—
\$40,000 to \$49,999	—	—
\$50,000 to \$59,999	28	6
\$60,000 to \$79,999	21	18
\$80,000 to \$99,999	4	4
\$100,000 or more	14	—
Median	7	3

Columbia city	Total	Less than 2 months	2 up to 6 months	6 or more months	Columbia city	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for rent housing units	704	329	296	79	PLUMBING FACILITIES	697	329	296	79
ROOMS	23	16	—	7	Complete plumbing for exclusive use	697	329	296	79
1 room	47	24	23	—	Locking complete plumbing for exclusive use	7	—	—	7
2 rooms	154	60	62	32	BEDROOMS	27	20	—	7
3 rooms	246	123	93	30	None	239	116	85	38
4 rooms	165	68	97	—	1	277	115	144	18
5 rooms	22	11	5	6	2	120	51	63	6
6 rooms	47	27	16	4	3	37	27	—	10
7 or more rooms	4.0	4.0	4.2	3.5	4	—	—	4	—
Median	—	—	—	—	YEAR STRUCTURE BUILT	117	80	33	4
1975 to March 1980	117	80	33	4	1975 to March 1980	117	80	33	4
1970 to 1974	124	54	58	12	1970 to 1974	124	54	58	12
1960 to 1969	263	132	109	22	1960 to 1969	263	132	109	22
1950 to 1959	43	9	34	—	1950 to 1959	43	9	34	—
1940 to 1949	49	8	38	3	1940 to 1949	49	8	38	3
1939 or earlier	108	46	24	38	1939 or earlier	108	46	24	38
UNITS IN STRUCTURE	162	46	96	20	UNITS IN STRUCTURE	162	46	96	20
1, detached or attached	76	44	29	3	2	76	44	29	3
2	71	26	24	21	3 and 4	71	26	24	21
3 and 4	23	4	19	—	5 to 9	23	4	19	—
5 to 9	211	138	59	14	10 to 49	211	138	59	14
10 to 49	38	34	—	4	50 or more	38	34	—	4
50 or more	123	37	69	17	Mobile home or trailer	123	37	69	17
Mobile home or trailer	—	—	—	—	RENT ASKED	698	329	290	79
RENT ASKED	698	329	290	79	Specified vacant for rent housing units	698	329	290	79
Less than \$100	118	60	26	32	Less than \$100	118	60	26	32
\$100 to \$199	57	3	41	13	\$100 to \$199	57	3	41	13
\$200 to \$299	210	63	125	22	\$200 to \$299	210	63	125	22
\$300 to \$399	134	89	33	12	\$300 to \$399	134	89	33	12
\$400 or more	117	74	43	—	\$400 or more	117	74	43	—
Median	50	28	22	—	Median	50	28	22	—
Median	12	12	—	—	Median	12	12	—	—
Median	189	\$216	\$174	\$139	Median	189	\$216	\$174	\$139
Median (dollars)	—	—	—	—	Median (dollars)	—	—	—	—

Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Columbia city

PLUMBING FACILITIES

Complete plumbing for exclusive use	91	—	17	28	39	7	50	100
Locking complete plumbing for exclusive use	—	—	—	—	—	7	50	100

BEDROOMS

	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)
None	—	—	—	—	—	—	—
1	7	7	—	—	—	23	800
2	19	6	13	—	—	41	300
3	46	4	15	27	—	51	100
4	19	—	—	12	7	86	900
5 or more	—	—	—	—	—	4	—

YEAR STRUCTURE BUILT

1975 to March 1980	13	—	—	6	7	103	100
1970 to 1974	16	—	—	12	4	46	700
1960 to 1969	31	—	—	13	18	50	700
1950 to 1959	25	—	—	8	—	23	400
1940 to 1949	—	—	—	—	—	49	7
1939 or earlier	6	—	—	3	—	52	500

UNITS IN STRUCTURE

1, detached or attached	91	—	17	28	39	7	50	100
2 or more	—	—	—	—	—	—	—	—
Mobile home or trailer	—	—	—	—	—	—	—	—

Columbia city	Total	Less than 2 months	2 up to 6 months	6 or more months	Columbia city	Total	Less than 2 months	2 up to 6 months	6 or more months
Price asked—Specified vacant for sale only housing units	698	118	267	251	50	12	189	—	—
Rent asked—Specified vacant for rent housing units	698	329	290	79	—	—	—	—	—
PLUMBING FACILITIES	691	111	267	251	50	12	190	85	—
ROOMS	239	48	93	98	—	—	—	—	57
1 room	239	48	93	98	—	—	—	—	188
2 rooms	271	28	140	93	10	—	—	—	176
3 rooms	120	15	30	42	21	—	—	—	282
4 rooms	37	—	4	18	15	—	—	—	293
5 or more	4	—	—	—	4	—	—	—	325
YEAR STRUCTURE BUILT	117	38	19	37	23	—	—	—	207
1975 to March 1980	117	38	19	37	23	—	—	—	162
1970 to 1974	124	16	86	22	—	—	—	—	204
1960 to 1969	257	15	106	136	—	—	—	—	193
1950 to 1959	43	17	17	9	—	—	—	—	168
1940 to 1949	49	7	19	15	8	—	—	—	279
1939 or earlier	108	25	20	32	19	12	—	—	219
UNITS IN STRUCTURE	156	53	60	31	12	—	—	—	150
1, detached or attached	419	65	90	214	38	12	—	—	164
2 or more	—	—	—	—	—	—	—	—	—
Mobile home or trailer	123	—	117	6	—	—	—	—	164

## Appendix A.—Area Classifications

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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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		The 1980 census was conducted primarily through self-enumeration. The principal	

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

## OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

### Fuels Used for House Heating and Water Heating

"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

## FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent**. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent**. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

## Appendix B.—Definitions and Explanations of Subject Characteristics

### Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
									14,024



## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

## Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group *Persons in Housing Units With a Family With Own Children Under 18*

1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

*Persons in Housing Units With a Family Without Own Children Under 18*

6-10	2 persons in housing unit through 8 or more persons in housing unit
------	---

*Persons in All Other Housing Units*

11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

17	<i>Persons in group quarters</i>
----	----------------------------------

	Stage II—Householder/ Nonhouseholder
<i>Group</i>	
1	Householder
2	Nonhouseholder (including persons in group quarters)
Stage III—Age/Sex/Race/Spanish Origin	
<i>Group</i>	
	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation.

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

### Stage I—Type of Household

<i>Group</i>	<i>Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit

	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

### Stage II—Tenure/Race and Origin of Householder/Value or Rent

<i>Group</i>	<i>Owner</i>
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

### Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	Other Race (includes those races not listed above)
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16	169-190 Same rent—Spanish origin categories as groups 81 to 102
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16	
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16	
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin</i>	
	<i>Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102	
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102	
147-168	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102	

### VACANT HOUSING UNITS

Group
1 Vacant for Rent
2 Vacant for Sale
3 Other Vacant

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

### CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	Size of publication area 2/														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	250	310	340	350	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	310	510	570	590	610	610	610	610	610
100 000.....	-	-	-	-	-	-	-	550	630	670	700	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570	1 570
1 000 000....	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470	4 470
10 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage 1/													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.1
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1	0.1

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked.....	1.1	0.9	0.5
Tenure.....	1.1	1.0	0.5
Units in structure.....	1.1	1.0	0.6
Stories in structure.....	1.0	0.9	0.4
Passenger elevator.....	0.9	0.9	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.2	1.0	0.5
Number of bedrooms.....	1.1	1.0	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA**  
**Places of 50,000 or More and**  
**Central Cities of SMSA's**

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL**  
**CITIES OF SMSA's**

Columbia city -----

Housing units		
	100-percent count	Percent in sample
The SMSA -----	37 419	16.3
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's	22 690	15.1



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.

9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a *parsonage*, *military housing*, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

#### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A **one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

#### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( ) the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer *Yes only* if the telephone is located in your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28- H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

H30- H32. *Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.*

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

#### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

**11. For persons born in the United States:**

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

**For persons born outside the United States:**

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

**12. This question is only for persons born in a foreign country.** Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

**13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.**

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

**b. Print the non-English language spoken at home.** If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

**c. Fill the circle that best describes the person's ability to speak English.**

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

**14. Print the ancestry group with which the person identifies.** Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

#### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

**15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).**

**b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.**

**Part (1)** If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

**Part (2)** If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

**Part (3)** If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

**Part (4)** Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

**17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.**

**b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.**

**c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.**

**18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.**

**b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.**

**19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.**

**20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.**

## INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.

b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four weeks*; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

## INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

**INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33**

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day.  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification,  
please write the correct apartment number or location here:

•

•

•

•

DO	A1	A2	A4	A5	A6
L					

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla  y devuelva el cuestionario  
por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

## How to fill out your Census Form

Page 1

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

**Make** sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail** back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

**Please start by answering Question 1 below**

## Question 1

### List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

**Do Not List in Question 1**

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

Then please

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

<p>Here are the QUESTIONS ↓</p> <p>These are the columns for ANSWERS →</p> <p>Please fill one column for each person listed in Question 1.</p> <p><b>2. How is this person related to the person in column 1?</b> Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</p>	<p><b>PERSON in column 1</b></p> <table border="1"> <tr> <td>Last name</td> <td>Middle initial</td> </tr> <tr> <td>First name</td> <td></td> </tr> </table> <p><b>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</b></p>		Last name	Middle initial	First name		<p><b>PERSON in column 2</b></p> <table border="1"> <tr> <td>Last name</td> <td>Middle initial</td> </tr> <tr> <td>First name</td> <td></td> </tr> </table> <p>If relative of person in column 1:  <input type="radio"/> Husband/wife      <input type="radio"/> Father/mother  <input type="radio"/> Son/daughter      <input type="radio"/> Other relative  <input type="radio"/> Brother/sister</p> <p>If not related to person in column 1:  <input type="radio"/> Roomer, boarder      <input type="radio"/> Other nonrelative  <input type="radio"/> Partner, roommate  <input type="radio"/> Paid employee</p>		Last name	Middle initial	First name																																																																																																																																																																																					
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<p><b>3. Sex</b> Fill one circle.</p> <p><b>4. Is this person —</b> Fill one circle.</p>	<p><input type="radio"/> Male      <input checked="" type="checkbox"/> <input type="radio"/> Female</p> <p><input type="radio"/> White      <input type="radio"/> Asian Indian  <input type="radio"/> Black or Negro      <input type="radio"/> Hawaiian  <input type="radio"/> Japanese      <input type="radio"/> Guamanian  <input type="radio"/> Chinese      <input type="radio"/> Samoan  <input type="radio"/> Filipino      <input type="radio"/> Eskimo  <input type="radio"/> Korean      <input type="radio"/> Aleut  <input type="radio"/> Vietnamese      <input type="radio"/> Other — Specify  <input type="radio"/> Indian (Amer.)  Print tribe →</p>		<p><input type="radio"/> Male      <input checked="" type="checkbox"/> <input type="radio"/> Female</p> <p><input type="radio"/> White      <input type="radio"/> Asian Indian  <input type="radio"/> Black or Negro      <input type="radio"/> Hawaiian  <input type="radio"/> Japanese      <input type="radio"/> Guamanian  <input type="radio"/> Chinese      <input type="radio"/> Samoan  <input type="radio"/> Filipino      <input type="radio"/> Eskimo  <input type="radio"/> Korean      <input type="radio"/> Aleut  <input type="radio"/> Vietnamese      <input type="radio"/> Other — Specify  Indian (Amer.)  Print tribe →</p>																																																																																																																																																																																													
<p><b>5. Age, and month and year of birth</b></p> <p>a. Print age at last birthday.  b. Print month and fill one circle.  c. Print year in the spaces, and fill one circle below each number.</p>	<p>a. Age at last birthday</p> <table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>●</td> <td>8</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td></td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>2</td> <td>0</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td>3</td> <td>0</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>4</td> <td>0</td> <td>4</td> </tr> <tr> <td></td> <td></td> <td>5</td> <td>0</td> <td>5</td> </tr> <tr> <td></td> <td></td> <td>6</td> <td>0</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td>7</td> <td>0</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td>8</td> <td>0</td> <td>8</td> </tr> <tr> <td></td> <td></td> <td>9</td> <td>0</td> <td>9</td> </tr> </table> <p>b. Month of birth</p> <table border="1"> <tr> <td>Jan.—Mar.</td> <td>4</td> </tr> <tr> <td>Apr.—June</td> <td>5</td> </tr> <tr> <td>July—Sept.</td> <td>6</td> </tr> <tr> <td>Oct.—Dec.</td> <td>7</td> </tr> </table>	1					1	●	8	0	0	9		1	0	1			2	0	2			3	0	3			4	0	4			5	0	5			6	0	6			7	0	7			8	0	8			9	0	9	Jan.—Mar.	4	Apr.—June	5	July—Sept.	6	Oct.—Dec.	7	<p>a. Age at last birthday</p> <table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>●</td> <td>8</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td></td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>2</td> <td>0</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td>3</td> <td>0</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>4</td> <td>0</td> <td>4</td> </tr> <tr> <td></td> <td></td> <td>5</td> <td>0</td> <td>5</td> </tr> <tr> <td></td> <td></td> <td>6</td> <td>0</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td>7</td> <td>0</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td>8</td> <td>0</td> <td>8</td> </tr> <tr> <td></td> <td></td> <td>9</td> <td>0</td> <td>9</td> </tr> </table> <p>b. Month of birth</p> <table border="1"> <tr> <td>Jan.—Mar.</td> <td>4</td> </tr> <tr> <td>Apr.—June</td> <td>5</td> </tr> <tr> <td>July—Sept.</td> <td>6</td> </tr> <tr> <td>Oct.—Dec.</td> <td>7</td> </tr> </table>	1					1	●	8	0	0	9		1	0	1			2	0	2			3	0	3			4	0	4			5	0	5			6	0	6			7	0	7			8	0	8			9	0	9	Jan.—Mar.	4	Apr.—June	5	July—Sept.	6	Oct.—Dec.	7	<p>a. Age at last birthday</p> <table border="1"> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>●</td> <td>8</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td></td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>2</td> <td>0</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td>3</td> <td>0</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>4</td> <td>0</td> <td>4</td> </tr> <tr> <td></td> <td></td> <td>5</td> <td>0</td> <td>5</td> </tr> <tr> <td></td> <td></td> <td>6</td> <td>0</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td>7</td> <td>0</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td>8</td> <td>0</td> <td>8</td> </tr> <tr> <td></td> <td></td> <td>9</td> <td>0</td> <td>9</td> </tr> </table> <p>b. Month of birth</p> <table border="1"> <tr> <td>Jan.—Mar.</td> <td>4</td> </tr> <tr> <td>Apr.—June</td> <td>5</td> </tr> <tr> <td>July—Sept.</td> <td>6</td> </tr> <tr> <td>Oct.—Dec.</td> <td>7</td> </tr> </table>	1					1	●	8	0	0	9		1	0	1			2	0	2			3	0	3			4	0	4			5	0	5			6	0	6			7	0	7			8	0	8			9	0	9	Jan.—Mar.	4	Apr.—June	5	July—Sept.	6	Oct.—Dec.	7
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<p><b>6. Marital status</b> Fill one circle.</p>	<p><input type="radio"/> Now married      <input type="radio"/> Separated  <input type="radio"/> Widowed      <input type="radio"/> Never married  <input type="radio"/> Divorced</p>		<p><input type="radio"/> Now married      <input type="radio"/> Separated  <input type="radio"/> Widowed      <input type="radio"/> Never married  <input type="radio"/> Divorced</p>																																																																																																																																																																																													
<p><b>7. Is this person of Spanish/Hispanic origin or descent?</b> Fill one circle.</p>	<p><input type="radio"/> No (not Spanish/Hispanic)  <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano  <input type="radio"/> Yes, Puerto Rican      <input checked="" type="checkbox"/>  <input type="radio"/> Yes, Cuban  <input type="radio"/> Yes, other Spanish/Hispanic</p>		<p><input type="radio"/> No (not Spanish/Hispanic)  <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano  <input type="radio"/> Yes, Puerto Rican      <input checked="" type="checkbox"/>  <input type="radio"/> Yes, Cuban  <input type="radio"/> Yes, other Spanish/Hispanic</p>																																																																																																																																																																																													
<p><b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</p>	<p><input type="radio"/> No, has not attended since February 1  <input type="radio"/> Yes, public school, public college  <input type="radio"/> Yes, private, church-related  <input type="radio"/> Yes, private, not church-related</p>		<p><input type="radio"/> No, has not attended since February 1  <input type="radio"/> Yes, public school, public college  <input type="radio"/> Yes, private, church-related  <input type="radio"/> Yes, private, not church-related</p>																																																																																																																																																																																													
<p><b>9. What is the highest grade (or year) of regular school this person has ever attended?</b> Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</p>	<p>Highest grade attended:  <input type="radio"/> <u>Nursery school</u>      <input type="radio"/> <u>Kindergarten</u>  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12  <input type="radio"/> <input type="radio"/>  College (academic year)      <input checked="" type="checkbox"/>  1 2 3 4 5 6 7 8 or more  <input type="radio"/> <input type="radio"/>  <input type="radio"/> <u>Never attended school — Skip question 10</u></p>		<p>Highest grade attended:  <input type="radio"/> <u>Nursery school</u>      <input type="radio"/> <u>Kindergarten</u>  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12  <input type="radio"/> <input type="radio"/>  College (academic year)      <input checked="" type="checkbox"/>  1 2 3 4 5 6 7 8 or more  <input type="radio"/> <input type="radio"/>  <input type="radio"/> <u>Never attended school — Skip question 10</u></p>																																																																																																																																																																																													
<p><b>10. Did this person finish the highest grade (or year) attended?</b> Fill one circle.</p>	<p><input type="radio"/> Now attending this grade (or year)  <input type="radio"/> Finished this grade (or year)  <input type="radio"/> Did not finish this grade (or year)</p>		<p><input type="radio"/> Now attending this grade (or year)  <input type="radio"/> Finished this grade (or year)  <input type="radio"/> Did not finish this grade (or year)</p>																																																																																																																																																																																													
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**NOW PLEASE ANSWER QUESTIONS H1-H12  
FOR YOUR HOUSEHOLD**

PERSON in column 7																																															
Last name																																															
First name						Middle initial																																									
If relative of person in column 1:																																															
<input type="radio"/> Husband/wife <input type="radio"/> Son/daughter <input type="radio"/> Brother/sister						<input type="radio"/> Father/mother <input type="radio"/> Other relative																																									
If not related to person in column 1:																																															
<input type="radio"/> Roomer, boarder <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee						<input type="radio"/> Other nonrelative																																									
<input type="radio"/> Male								<input type="radio"/> Female																																							
<input type="radio"/> White <input type="radio"/> Black or Negro <input type="radio"/> Japanese <input type="radio"/> Chinese <input type="radio"/> Filipino <input type="radio"/> Korean <input type="radio"/> Vietnamese <input type="radio"/> Indian (Amer.)						<input type="radio"/> Asian Indian <input type="radio"/> Hawaiian <input type="radio"/> Guamanian <input type="radio"/> Samoan <input type="radio"/> Eskimo <input type="radio"/> Aleut <input type="radio"/> Other — <i>Specify</i>																																									
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<p><b>H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?</b></p>	<p><b>H9. Is this apartment (house) part of a condominium?</b></p>
<p><input type="radio"/> Yes — On page 20 give name(s) and reason left out.</p>	<p><input type="radio"/> No</p>
<p><b>H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?</b></p>	<p><b>H10. If this is a one-family house —</b></p>
<p><input type="radio"/> Yes — On page 20 give name(s) and reason person is away.</p>	<p><b>a. Is the house on a property of 10 or more acres?</b></p>
<p><input type="radio"/> No</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H3. Is anyone visiting here who is not already listed?</b></p>	<p><b>b. Is any part of the property used as a commercial establishment or medical office?</b></p>
<p><input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H4. How many living quarters, occupied and vacant, are at this address?</b></p>	<p><b>H11. If you live in a one-family house or a condominium unit which you own or are buying —</b></p>
<p><input checked="" type="checkbox"/> One</p>	<p>What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?</p>
<p><input type="checkbox"/> 2 apartments or living quarters</p>	<p><b>Do not answer this question if this is —</b></p>
<p><input type="checkbox"/> 3 apartments or living quarters</p>	<p><input checked="" type="checkbox"/> A mobile home or trailer</p>
<p><input type="checkbox"/> 4 apartments or living quarters</p>	<p><input type="checkbox"/> A house on 10 or more acres</p>
<p><input type="checkbox"/> 5 apartments or living quarters</p>	<p><input type="checkbox"/> A house with a commercial establishment or medical office on the property</p>
<p><input type="checkbox"/> 6 apartments or living quarters</p>	<p><input type="checkbox"/> Less than \$10,000</p>
<p><input type="checkbox"/> 7 apartments or living quarters</p>	<p><input type="checkbox"/> \$50,000 to \$54,999</p>
<p><input type="checkbox"/> 8 apartments or living quarters</p>	<p><input type="checkbox"/> \$55,000 to \$59,999</p>
<p><input type="checkbox"/> 9 apartments or living quarters</p>	<p><input type="checkbox"/> \$60,000 to \$64,999</p>
<p><input type="checkbox"/> 10 or more apartments or living quarters</p>	<p><input type="checkbox"/> \$65,000 to \$69,999</p>
<p><input type="checkbox"/> This is a mobile home or trailer</p>	<p><input type="checkbox"/> \$70,000 to \$74,999</p>
<p><b>H5. Do you enter your living quarters —</b></p>	<p><input type="checkbox"/> \$22,500 to \$24,999 <input checked="" type="checkbox"/> \$75,000 to \$79,999</p>
<p><input type="checkbox"/> Directly from the outside or through a common or public hall?</p>	<p><input type="checkbox"/> \$25,000 to \$27,499 <input type="checkbox"/> \$80,000 to \$89,999</p>
<p><input type="checkbox"/> Through someone else's living quarters?</p>	<p><input type="checkbox"/> \$27,500 to \$29,999 <input type="checkbox"/> \$90,000 to \$99,999</p>
<p><b>H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?</b></p>	<p><input type="checkbox"/> \$30,000 to \$34,999 <input type="checkbox"/> \$100,000 to \$124,999</p>
<p><input type="checkbox"/> Yes, for this household only</p>	<p><input type="checkbox"/> \$35,000 to \$39,999 <input type="checkbox"/> \$125,000 to \$149,999</p>
<p><input type="checkbox"/> Yes, but also used by another household</p>	<p><input type="checkbox"/> \$40,000 to \$44,999 <input type="checkbox"/> \$150,000 to \$199,999</p>
<p><input type="checkbox"/> No, have some but not all plumbing facilities</p>	<p><input type="checkbox"/> \$45,000 to \$49,999 <input type="checkbox"/> \$200,000 or more</p>
<p><input type="checkbox"/> No plumbing facilities in living quarters</p>	<p><b>H12. If you pay rent for your living quarters —</b></p>
<p><b>H7. How many rooms do you have in your living quarters?</b></p>	<p>What is the monthly rent?</p>
<p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p>	<p>If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.</p>
<p><input type="radio"/> 1 room <input checked="" type="checkbox"/> 4 rooms <input type="radio"/> 7 rooms</p>	<p><input type="radio"/> Less than \$50 <input type="radio"/> \$160 to \$169</p>
<p><input type="radio"/> 2 rooms <input type="radio"/> 5 rooms <input type="radio"/> 8 rooms</p>	<p><input type="radio"/> \$50 to \$59 <input type="radio"/> \$170 to \$179</p>
<p><input type="radio"/> 3 rooms <input type="radio"/> 6 rooms <input type="radio"/> 9 or more rooms</p>	<p><input type="radio"/> \$60 to \$69 <input type="radio"/> \$180 to \$189</p>
<p><b>H8. Are your living quarters —</b></p>	<p><input type="radio"/> \$70 to \$79 <input type="radio"/> \$190 to \$199</p>
<p><input type="radio"/> Owned or being bought by you or by someone else in this household?</p>	<p><input type="radio"/> \$80 to \$89 <input type="radio"/> \$200 to \$224</p>
<p><input type="radio"/> Rented for cash rent?</p>	<p><input type="radio"/> \$90 to \$99 <input checked="" type="checkbox"/> \$225 to \$249</p>
<p><input type="radio"/> Occupied without payment of cash rent?</p>	<p><input type="radio"/> \$100 to \$109 <input type="radio"/> \$250 to \$274</p>
<p></p>	<p><input type="radio"/> \$110 to \$119 <input type="radio"/> \$275 to \$299</p>
<p></p>	<p><input type="radio"/> \$120 to \$129 <input type="radio"/> \$300 to \$349</p>
<p></p>	<p><input type="radio"/> \$130 to \$139 <input type="radio"/> \$350 to \$399</p>
<p></p>	<p><input type="radio"/> \$140 to \$149 <input type="radio"/> \$400 to \$499</p>
<p></p>	<p><input type="radio"/> \$150 to \$159 <input type="radio"/> \$500 or more</p>

#### ALSO ANSWER THESE QUESTIONS

<b>H13. Which best describes this building?</b> Include all apartments, flats, etc., even if vacant.		<b>H21a. Which fuel is used most for house heating?</b>	
<input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc.		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.	
		<input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
<b>H14a. How many stories (floors) are in this building?</b> Count an attic or basement as a story if it has any finished rooms for living purposes.		<b>b. Which fuel is used most for water heating?</b>	
<input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.	
		<input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
<b>b. Is there a passenger elevator in this building?</b>		<b>c. Which fuel is used most for cooking?</b>	
<input type="radio"/> Yes <input type="radio"/> No		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.	
		<input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
<b>H15a. Is this building —</b>		<b>H22. What are the costs of utilities and fuels for your living quarters?</b>	
<input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?		<b>a. Electricity</b> \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i>	
		<input type="radio"/> Electricity not used	
<b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b>		<b>b. Gas</b> \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i>	
<input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$250 to \$599 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$2,500 or more		<input type="radio"/> Gas not used	
<b>H16. Do you get water from —</b>		<b>c. Water</b> \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i>	
<input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?		<input type="radio"/> These fuels not used	
<b>H17. Is this building connected to a public sewer?</b>		<b>H23. Do you have complete kitchen facilities?</b> Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.	
<input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means		<input type="radio"/> Yes <input type="radio"/> No	
<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b>		<b>H24. How many bedrooms do you have?</b> Count rooms used mainly for sleeping even if used also for other purposes.	
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> <input type="radio"/>		<input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms	
<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b>		<b>H25. How many bathrooms do you have?</b> A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.	
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969		<input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms	
<b>H20. How are your living quarters heated?</b> Fill one circle for the kind of heat used most.		<b>H26. Do you have a telephone in your living quarters?</b>	
<input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <i>(Do not count electric heat pumps here)</i> <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units <i>(permanently installed in wall, ceiling, or baseboard)</i>		<input type="radio"/> Yes <input type="radio"/> No	
		<b>H27. Do you have air conditioning?</b>	
		<input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No	
<b>H28. How many automobiles are kept at home for use by members of your household?</b>		<b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b>	
<input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene <i>(not portable)</i> <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment		<input type="radio"/> None <input type="radio"/> 2 automobiles <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles	
		<input type="radio"/> 2 vans or trucks <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks	

## FOR YOUR HOUSEHOLD

Page 5

Please answer H30—H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer .....
- A house on 10 or more acres .....
- A condominium unit .....
- A house with a commercial establishment or medical office on the property .....

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ .00 OR  None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ .00 OR  None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — *Skip to page 6*

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

*Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.*

\$ .00 OR  No regular payment required — *Skip to page 6*

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

*Please turn to page 6*

## FOR CENSUS USE ONLY

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# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

<p>Name of Person 1 on page 2:          Last name      First name      Middle initial</p> <p>11. In what State or foreign country was this person born?          Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</p> <p>Name of State or foreign country; or Puerto Rico, Guam, etc.</p> <p>12. If this person was born in a foreign country —          a. Is this person a naturalized citizen of the United States?  <input type="radio"/> Yes, a naturalized citizen  <input type="radio"/> No, not a citizen  <input type="radio"/> Born abroad of American parents</p> <p>b. When did this person come to the United States to stay?  <input type="radio"/> 1975 to 1980      <input type="radio"/> 1965 to 1969      <input type="radio"/> 1950 to 1959  <input type="radio"/> 1970 to 1974      <input type="radio"/> 1960 to 1964      <input type="radio"/> Before 1950</p> <p>13a. Does this person speak a language other than English at home?  <input type="radio"/> Yes      <input type="radio"/> No, only speaks English — Skip to 14</p> <p>b. What is this language?          (For example — Chinese, Italian, Spanish, etc.)</p> <p>c. How well does this person speak English?  <input type="radio"/> Very well      <input type="radio"/> Not well  <input type="radio"/> Well      <input type="radio"/> Not at all</p> <p>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.          (For example: Afro-American, English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</p> <p>15a. Did this person live in this house five years ago (April 1, 1975)?          If in college or Armed Forces in April 1975, report place of residence there.  <input type="radio"/> Born April 1975 or later — Turn to next page for next person  <input type="radio"/> Yes, this house — Skip to 16  <input type="radio"/> No, different house</p> <p>b. Where did this person live five years ago (April 1, 1975)?          (1) State, foreign country, Puerto Rico, Guam, etc.:          (2) County:          (3) City, town, village, etc.:          (4) Inside the incorporated (legal) limits of that city, town, village, etc.?  <input type="radio"/> Yes      <input type="radio"/> No, in unincorporated area</p>			<p>16. When was this person born?  <input type="radio"/> Born before April 1965 — Please go on with questions 17-33  <input type="radio"/> Born April 1965 or later — Turn to next page for next person</p> <p>17. In April 1975 (five years ago) was this person —          a. On active duty in the Armed Forces?  <input type="radio"/> Yes      <input type="radio"/> No          b. Attending college?  <input type="radio"/> Yes      <input type="radio"/> No          c. Working at a job or business?  <input type="radio"/> Yes, full time      <input type="radio"/> No  <input type="radio"/> Yes, part time</p> <p>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?          If service was in National Guard or Reserves only, see instruction guide.  <input type="radio"/> Yes      <input type="radio"/> No — Skip to 19</p> <p>b. Was active-duty military service during —          Fill a circle for each period in which this person served.  <input type="radio"/> May 1975 or later  <input type="radio"/> Vietnam era (August 1964—April 1975)  <input type="radio"/> February 1955—July 1964  <input type="radio"/> Korean conflict (June 1950—January 1955)  <input type="radio"/> World War II (September 1940—July 1947)  <input type="radio"/> World War I (April 1917—November 1918)  <input type="radio"/> Any other time</p> <p>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .          a. Limits the kind or amount of work this person can do at a job? . . .      <input type="radio"/> Yes      <input type="radio"/> No          b. Prevents this person from working at a job?      <input type="radio"/> Yes      <input type="radio"/> No          c. Limits or prevents this person from using public transportation? . . .      <input type="radio"/> Yes      <input type="radio"/> No</p> <p>20. If this person is a female —      None 1 2 3 4 5 6          How many babies has she ever had, not counting stillbirths?      <input type="radio"/> 0      <input type="radio"/> 1      <input type="radio"/> 2      <input type="radio"/> 3      <input type="radio"/> 4      <input type="radio"/> 5      <input type="radio"/> 6          Do not count her stepchildren or children she has adopted.      7 8 9 10 11 12 or more</p> <p>21. If this person has ever been married —          a. Has this person been married more than once?  <input type="radio"/> Once      <input type="radio"/> More than once          b. Month and year of marriage?      Month and year of first marriage?          (Month)      (Year)      (Month)      (Year)          c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?  <input type="radio"/> Yes      <input type="radio"/> No</p> <p>22a. Did this person work at any time last week?  <input type="radio"/> Yes — Fill this circle if this person worked full time or part time.  <input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.          (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)          ↓ Skip to 25</p> <p>b. How many hours did this person work last week (at all jobs)?          Subtract any time off; add overtime or extra hours worked.          Hours</p> <p>23. At what location did this person work last week?          If this person worked at more than one location, print where he or she worked most last week.          If one location cannot be specified, see instruction guide.</p> <p>a. Address (Number and street)</p> <p>If street address is not known, enter the building name, shopping center, or other physical location description.</p> <p>b. Name of city, town, village, borough, etc.</p> <p>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?  <input type="radio"/> Yes      <input type="radio"/> No, in unincorporated area</p> <p>d. County</p> <p>e. State      f. ZIP Code</p> <p>24a. Last week, how long did it usually take this person to get from home to work (one way)?          Minutes</p> <p>b. How did this person usually get to work last week?          If this person used more than one method, give the one usually used for most of the distance.  <input type="radio"/> Car      <input type="radio"/> Truck      <input type="radio"/> Van      <input type="radio"/> Bus or streetcar      <input type="radio"/> Railroad      <input type="radio"/> Subway or elevated  <input type="radio"/> Taxicab      <input type="radio"/> Motorcycle      <input type="radio"/> Bicycle      <input type="radio"/> Walked only      <input type="radio"/> Worked at home      <input type="radio"/> Other — Specify          If car, truck, or van in 24b, go to 24c.          Otherwise, skip to 28.</p>																																																																															
<p>FOR CENSUS USE ONLY</p> <table border="1"> <thead> <tr> <th>Per.</th> <th>11. <input type="checkbox"/></th> <th>13b.</th> <th>14. <input type="checkbox"/></th> <th>15b.</th> <th>23. <input type="checkbox"/></th> <th>24a.</th> </tr> </thead> <tbody> <tr> <td>No.</td> <td>0 0 0</td> </tr> <tr> <td>1</td> <td>1 1 1</td> </tr> <tr> <td>2</td> <td>2 2 2</td> </tr> <tr> <td>3</td> <td>3 3 3</td> </tr> <tr> <td>4</td> <td>4 4 4</td> </tr> <tr> <td>5</td> <td>5 5 5</td> </tr> <tr> <td>6</td> <td>6 6 6</td> </tr> <tr> <td>7</td> <td>7 7 7</td> </tr> <tr> <td>8</td> <td>8 8 8</td> </tr> <tr> <td></td> <td>9 9 9</td> </tr> </tbody> </table>						Per.	11. <input type="checkbox"/>	13b.	14. <input type="checkbox"/>	15b.	23. <input type="checkbox"/>	24a.	No.	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8		9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9
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	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9																																																																												

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

PERSON 1 ON PAGE 2

Page 7

c. When going to work last week, did this person usually —

Drive alone — **Skip to 28**    Drive others only  
 Share driving    Ride as passenger only

d. How many people, including this person, usually rode to work in the car, truck, or van last week?

2    4    6  
 3    5    7 or more  

After answering 24d, skip to 28.

25. Was this person temporarily absent or on layoff from a job or business last week?

Yes, on layoff  
 Yes, on vacation, temporary illness, labor dispute, etc.  
 No

26a. Has this person been looking for work during the last 4 weeks?

Yes    No — **Skip to 27**

b. Could this person have taken a job last week?

No, already has a job     
 No, temporarily ill  
 No, other reasons (in school, etc.)  
 Yes, could have taken a job  

27. When did this person last work, even for a few days?

1980    1978    1970 to 1974  
 1979    1975 to 1977    1969 or earlier    Never worked   **Skip to 31d**

28–30. Current or most recent job activity

Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.

If this person had no job or business last week, give information for last job or business since 1975.

28. Industry

a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.

(Name of company, business, organization, or other employer)

b. What kind of business or industry was this?

Describe the activity at location where employed.

(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)

c. Is this mainly — (Fill one circle)

Manufacturing    Retail trade  
Wholesale trade   Other — (agriculture, construction, service, government, etc.)  

29. Occupation

a. What kind of work was this person doing?

(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)

b. What were this person's most important activities or duties?

(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)

30. Was this person — (Fill one circle)

Employee of private company, business, or individual, for wages, salary, or commissions  

Federal government employee  

State government employee  

Local government employee (city, county, etc.)  

Self-employed in own business, professional practice, or farm —

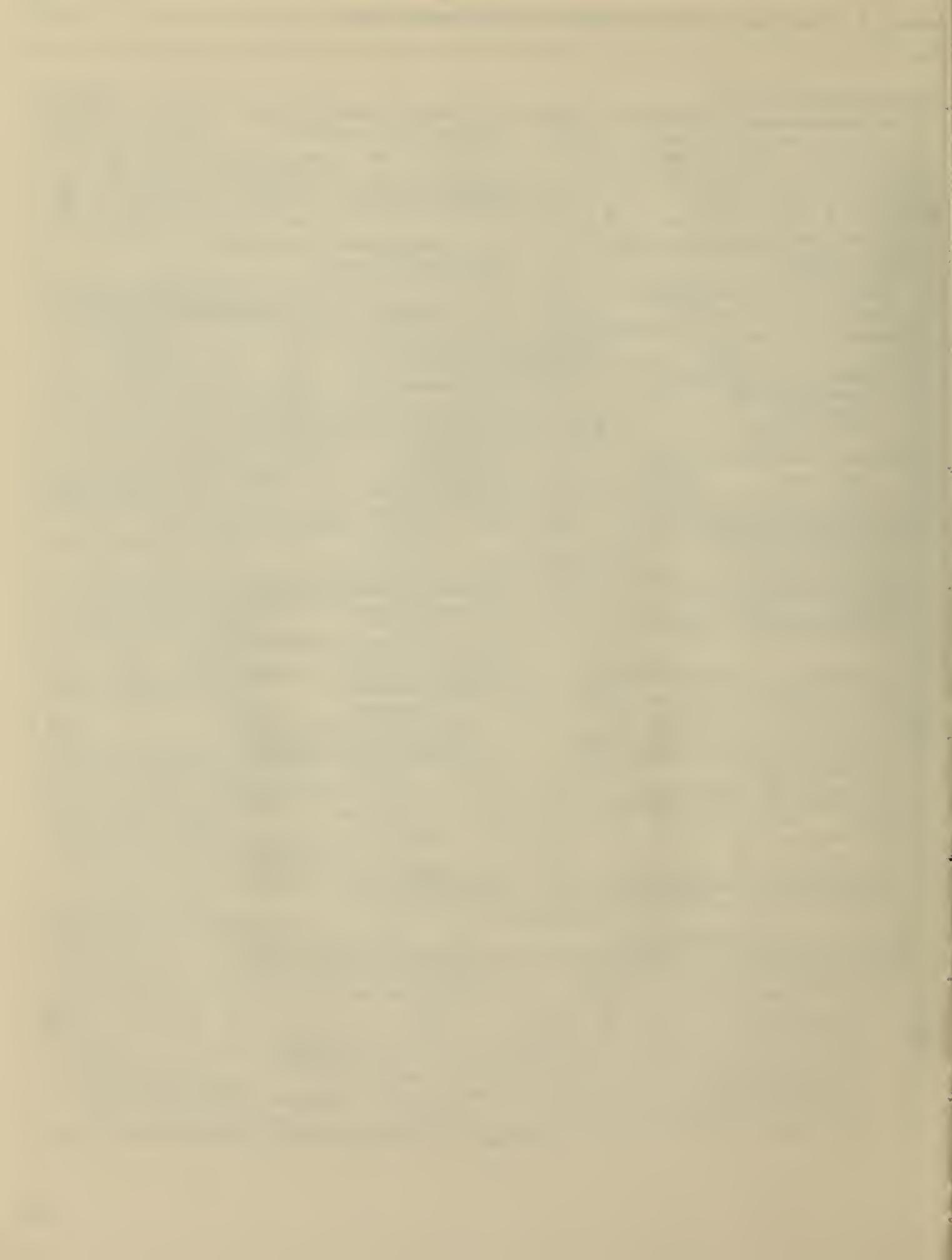
Own business not incorporated  

Own business incorporated  

Working without pay in family business or farm  

CENSUS USE			CENSUS USE ONLY		
21b.	31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?		31b.	31c.	31d.
I 0 0 I 1 1 O 2 2 II 3 3 O 4 4 III 5 5 O 6 6 O 7 7 IV 8 8 O 9 9	<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No — <b>Skip to 31d</b>	Weeks	O 0 0 I 1 1 I 2 2 II 3 3 O 4 4 I 5 5 O 6 6 I 7 7 O 8 8 O 9 9	O 0 0 I 1 1 I 2 2 II 3 3 O 4 4 I 5 5 O 6 6 I 7 7 O 8 8 O 9 9	O 0 0 I 1 1 I 2 2 II 3 3 O 4 4 I 5 5 O 6 6 I 7 7 O 8 8 O 9 9
22b.	c. During the weeks worked in 1979, how many hours did this person usually work each week?		32a.	32b.	
O 0 0 I 1 1 I 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9	Hours	Weeks	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 A 0 0 0	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 A 0 0 0	
28.	32. Income in 1979 —		32c.	32d.	
A B C O O O D E F O O O G H J O O O K L M O O O O O O I 1 1 O 2 2 I 3 3 O 4 4 I 5 5 O 6 6 I 7 7 O 8 8 I 9 9 A F O N W O	Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.		O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	
29.	During 1979 did this person receive any income from the following sources?		32e.	32f.	
N P Q O O O R S T O O O U V W O O O X Y Z O O O	If "Yes" to any of the sources below — How much did this person receive for the entire year?		O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	
30.	a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.		32g.	33.	
	<input type="radio"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.		32h.	32i.	
	<input checked="" type="checkbox"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.		32j.	32k.	
	<input type="radio"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.		32l.	32m.	
	<input type="radio"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	e. Social Security or Railroad Retirement . . .		32n.	32o.	
	<input checked="" type="checkbox"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .		32p.	32q.	
	<input type="radio"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .		32r.	32s.	
	<input checked="" type="checkbox"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .		32t.	32u.	
	<input checked="" type="checkbox"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	33. What was this person's total income in 1979?		32v.	32w.	
	<input type="radio"/> Yes → \$ .00 <input type="radio"/> No   (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	Add entries in questions 32a through g; subtract any losses.		32x.	32y.	
	\$ .00 (Annual amount — Dollars)	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		
	If total amount was a loss, write "Loss" above amount.		32z.	32aa.	
	OR <input type="radio"/> None	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O	O 0 0 0 I 1 1 1 I 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9 O A O O		

→ Please turn to the next page and answer the questions for Person 2 on page 2



## Appendix F.—Publication and Computer Tape Program

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PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas . . . . .	F-2
PHC80-4, Congressional Districts of the 98th Congress . . . . .	F-2
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Evaluation and Reference Reports . . . . .	F-4
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PUBLICATIONS	
GENERAL	
The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape	
files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.	
The publications of the 1980 census are released under three subject titles: <i>1980 Census of Population and Housing</i> , <i>1980 Census of Population</i> , and <i>1980 Census of Housing</i> . The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.	
The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).	
Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.	
Population and Housing Census Reports	
PHC80-1, Block Statistics—These reports, which are issued on microfiche rather	

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts—Statistics** for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics** are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress—These** reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This** report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special sub-sample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These** reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population—This** volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants—Final** population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics—Statistics** on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

### Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance**—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports**—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

### Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports**—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports**—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide**—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History**—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations**—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations**—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme**—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## COMPUTER TAPES

### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1**—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2**—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3**—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

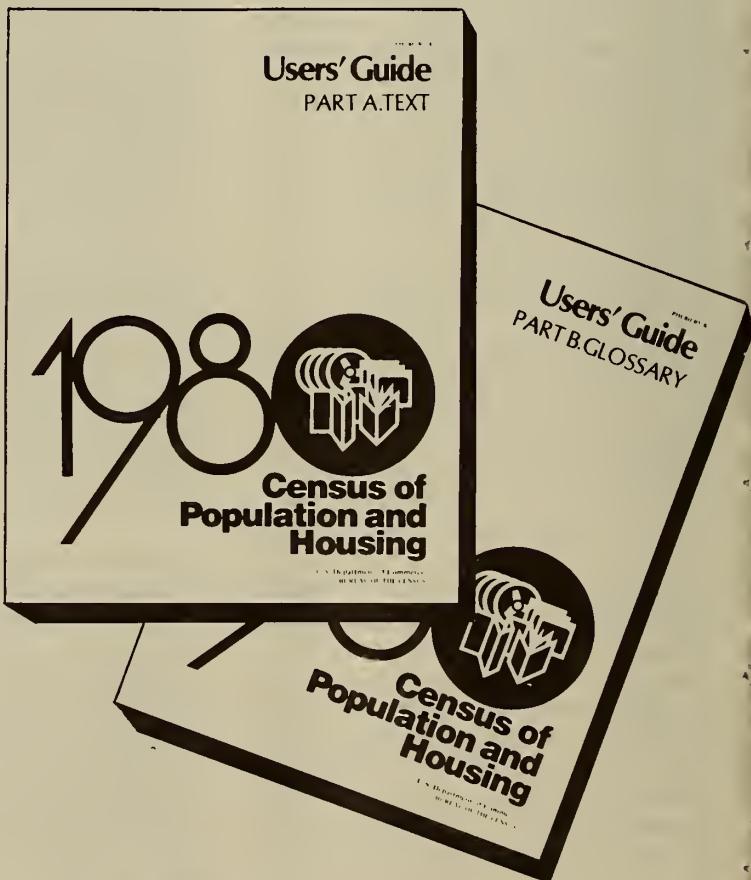
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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